The National

Future Farmer

August-September, 1981

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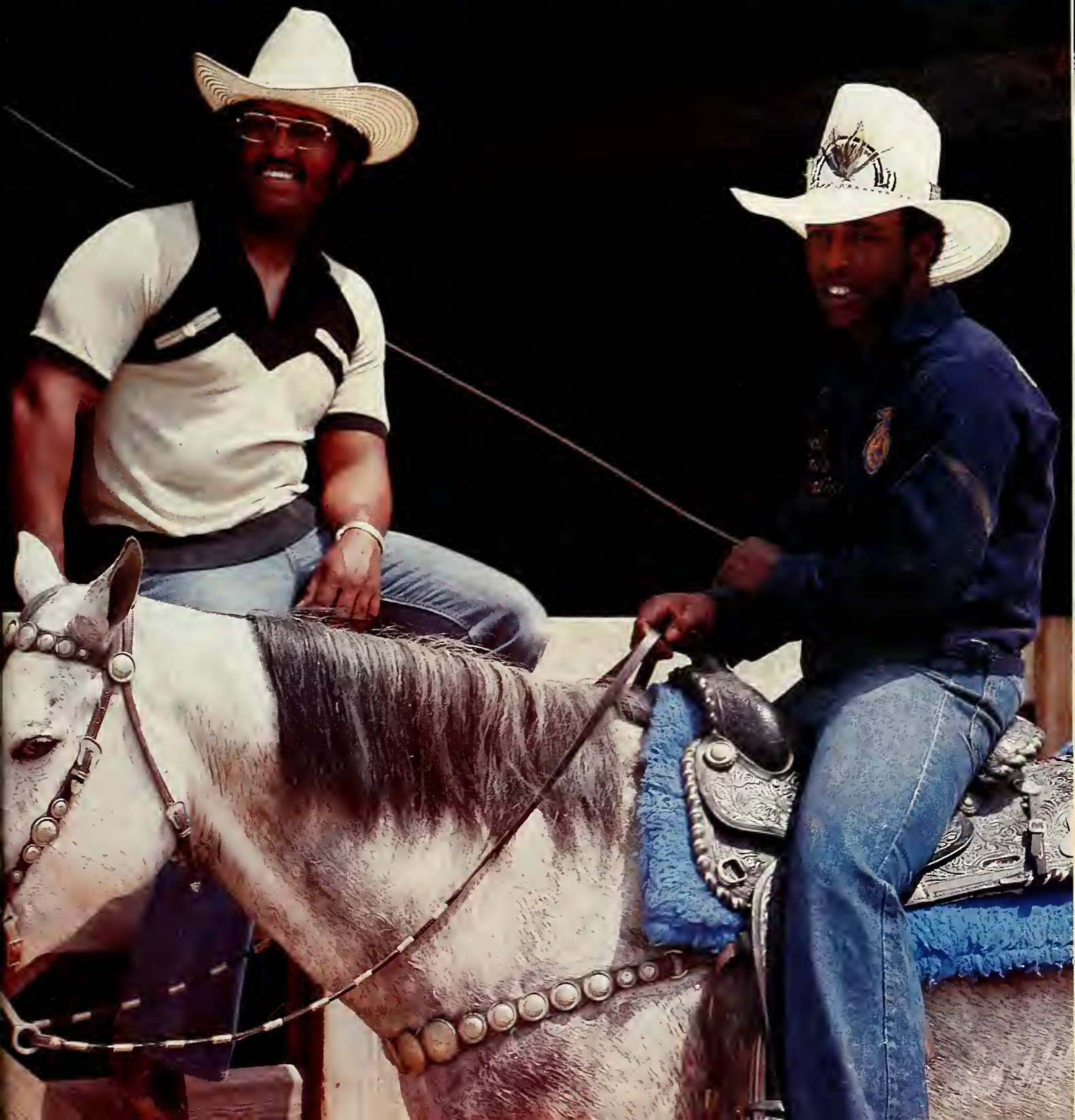

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The National
Future Farmer
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August-September, 1981
Volume 29 Number 6
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A Word With The Editor

Congratulations to former FFA official Elmer Johnson who was one of five people who received Colorado State University's Honor Alumni Award for 1981. Both Mr. and Mrs. Johnson were present at the university's commencement exercise where the award was presented. It is particularly pleasing that the university would honor someone who has given a lifetime to vocational agriculture and FFA.

Mr. Johnson was graduated from Colorado State University in 1926 and became a vocational agriculture teacher/FFA advisor. Later he served on the supervisory staff in Colorado. In 1940, he came to Washington, D.C., to work in the war program just prior to World War II. At that time there was a surplus of people on farms and he helped set up a program for the "unemployed and the underemployed." In a recent interview, Mr. Johnson also mentioned his foreign service, specifically working with agricultural groups in Peru, Costa Rica, the Philippines and Japan. A prolific writer, Mr. Johnson has authored or co-authored over 40 bulletins and two books on agricultural subjects. His name appears as one of the incorporators in the FFA charter and for over 20 years he was responsible for the national FFA judging contest in Kansas City at the National FFA Convention. From the time of his arrival in Washington until his retirement, Mr. Johnson served on the Board of Directors or the Advisory Council that preceded the Board, representing the Pacific region where he also served as a program specialist in agricultural education. It is men like Elmer Johnson that helped make FFA a great organization. We commend his alma mater for their selection.

Jeffrey Tennant has left *The National FUTURE FARMER* after nearly three years as associate editor to become managing editor of *FarmFutures* magazine in Milwaukee, Wisconsin. Jeff has an extensive FFA background which was reflected in the articles he wrote for FFA members. His color photography frequently appeared on the cover and with feature articles inside the magazine. We will miss Jeff on the magazine staff but wish him well in his new position.

Wilson Carnes

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Our Cover

The picture on this issue's cover is a typical scene on the Rowe's horse farm just south of Paris, Tennessee. FFA member Dwaine Rowe and his father, Jimmie, share an interest in horses. By working together they are achieving their goal of operating a successful horse farm. The story is on pages 14-15.

Cover photo by Jeffrey Tennant

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Readers Report

MAILBAG

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At the end of the school day on May 29, 1981, I am retiring from teaching.

I have enjoyed my association with the FFA and *the National FUTURE FARMER*. I have appreciated the good service for the past 25 years. I am turning the calendar kit over to the new advisor at Yuma High School.

Willis E. Kimbrough

Thomas, Oklahoma

My thanks for the time and cooperation you have shown by considering the Thomas FFA news for the magazine.

I really enjoyed looking through the issues this past year and reading the Thomas FFA news that I submitted.

For the Thomas FFA Chapter as well as myself I want to thank you again for your cooperation.

Jay C. Minton
Reporter

Wauseon, Ohio

We appreciate the check we received in the mail for the picture we sent and you published. It is an honor to have a picture from our chapter in the national magazine.

Terry Estel
Reporter

Martin, Tennessee

Thank you for the fine article in *The National FUTURE FARMER* about me and my family (Joey Fights the Dirt Burglar, June-July, 1981). This article meant a lot to us and I hope it will further encourage conservation in our country.

I think that the magazine staff is doing a fine job of promoting FFA and agriculture and fills the magazine with articles that reach people of all walks of life.

To me, this article meant as much as any award that I've won and I am grateful.

Joey Caldwell

South Glastonbury, Connecticut

I want to thank you for the job well done on "The Mark of a Motivator," (June-July, 1981) about Kathy Peterson.

Kathy deserves the recognition for her hard work and for making Connecticut a successful state in the FFA. She has given much to her organization and many friends.

Amy Bayman

Putnam, Connecticut

Greetings from Connecticut! Thank you for the fine article in the last issue of *The National FUTURE FARMER*. It's one of the few things I've ever read in print about myself that had all the facts straight. I've received so many compliments on it—thank you. It seems to have instilled a renewed pride in our members.

Kathy Peterson

Moravia, New York

In the past we have appreciated your cooperation in granting us permission to reprint articles from your publication. As you may recall, we are publishers of a monthly guidance service which is widely used in schools throughout the country. An important part of this service consists of reprints of articles containing information of value to guidance counselors.

The recent articles "College and Your Career" by Russell Fornwalt which appeared in the February-March 1981 issue, pages 36-40 and "A Start Alone in Agribusiness" by Jeffrey Tennant which appeared in the April-May issue, pages 38-39 have been called to our attention as being potential reprints in our service. We would like to secure your permission to consider reprinting these articles and possibly utilizing them in our service in the future. If permission to reprint is granted, may we request further permission to do minor editing if necessary. We also need to know if the photographs and/or illustrations are covered by this permission. If these articles are used, we will credit your publication using a full citation including magazine title, volume, number, month, year, and pages. We will send you several copies of each reprint for your files.

Any consideration you can give our request will be greatly appreciated.

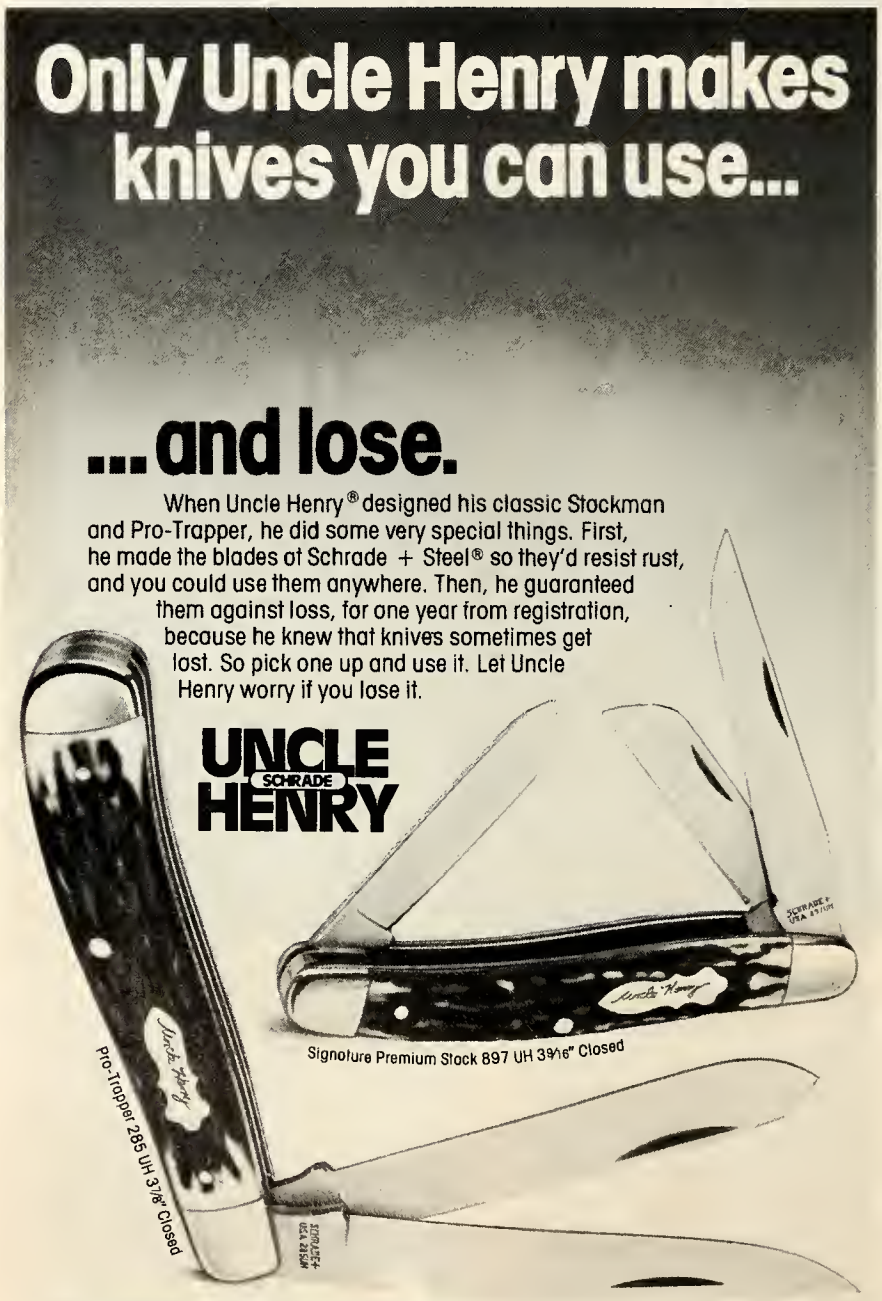
Mrs. Linda K. Carr
Research Associate
Chronicle Guidance Publications

Sutton, North Carolina

As we have had two sons in FFA over the years, I was wondering if you could give me some information on the emblem. Who drew the emblem and in what year? I am enclosing a self-stamped envelope.

Mrs. Joe C. Nuss

A committee headed by J.A. Linke and other committees resulted in the formulation of an emblem which evolved into the present emblem of the Future Farmers of America. —Ed.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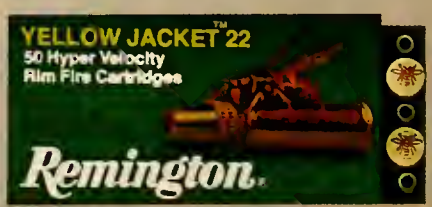

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DUPONT

Agriculture

LOOKING AHEAD

WHAT WILL THEY THINK OF NEXT? The world's first "test tube" calf—the result of egg and sperm being fertilized in a laboratory dish—has been born at New Bolton Center, rural campus of the University of Pennsylvania School of Veterinary Medicine. The Holstein bull calf, named Virgil, weighed nearly 100 pounds at birth, and is the result of "in vitro" (test tube or laboratory dish) fertilization; a technique successfully accomplished in only four other species, including human beings.

BY 1985, THE WORLD MAY depend on the United States for 15 percent of its agricultural supplies, compared with 2 percent in the early 1950's and 11 percent in the late 1970's, according to USDA economist Patrick O'Brien. O'Brien says unprecedented growth in world trade during the past two decades has reduced foreign food self-sufficiency. The rest of the world now produces about 90 percent of its domestic food consumption, compared to 98 percent 20 years ago.

SOMETHING NEW: It looks as if foliar fertilizers are making a dent in the farming community. One example of proof is The Allied Corporation, now investing $1.5 million in research. The idea is to apply fertilizer solution directly onto the foliage so the plant can absorb nutrients at a critical stage of crop development. Unlike soil-applied fertilizers, foliar sprays do not come in contact with compounds that break down or tie up nutrients. Allied agronomists estimate that as much as 85 percent of the total plant food in a foliar spray is utilized by the plant. In contrast, efficiency standards for soil-applied fertilizers are sometimes as low as 10 percent and rarely exceed 70 percent.

U.S. AGRICULTURAL EXPORTS totalled a record $41.3 billion in 1980, according to North Carolina State University research. That means about one of every three farm acres harvested in the U.S. is exported. For some crops, such as soybeans and flue-cured tobacco, more than half of total production is shipped abroad. Japan has been the top market for U.S. farm products since 1964: its annual purchases first reached $1 billion in 1970 and have continued to rise to a record $6.1 billion last year.

RAPID CHILLING (RC) OF beef carcasses may have several advantages over conventional chilling (CC), according to tests run at the Texas Agricultural Experiment Station. RC sides reached temperatures suitable for shipment 12 to 15 hours sooner than paired CC sides; had 0.9 percent less shrinkage; and had tighter marbling scores. One disadvantage of the RC process: a slightly darker, softer lean. Loin steaks from RC sides had increased tenderness, comparable flavor, and were more juicy.

ARKANSAS FARMERS GET special benefits from a free service the National Weather Service provides with its continuous broadcasting of current weather information. Most stations in the National Oceanic and Atmospheric Administration (NOAA) Weather Radio network broadcast the taped messages 24 hours daily. Routine weather messages are repeated every four to six minutes and revised every one to three hours, says Bringle Jennings, farm safety specialist with the University of Arkansas. During severe weather, normal programming is interrupted and special weather information broadcast.

ANIMAL WELFARE IN THE farming community is becoming a favorite target of animal rights activists these days, according to the National Live Stock and Meat Board. On a recent "Today in Chicago" show on WMAQ-TV, Mark Thomas, vice president of the Meat Board's Pork Program and Wayne Scritchlow, livestock specialist for the Illinois Farm Bureau, defended current meat animal practices against Jim Mason, author of *Animal Factories,* a book critical of those practices.

RETURNS FROM United States farm exports make up 25 percent of the American farmer's cash earnings today, compared to 10 percent in the early 1950's, says the *World Development Letter*. The report goes on to say export volumes increased 77 percent between 1967 and 1977. International trade in the coarse grains and oilseeds, which the United States dominates through its prolific corn and soybean production, has tripled since the late 1960's.

IT SEEMS LIKE computers are popping up everywhere nowadays—just take a look at the cattle breeding business: it's happening in Canada where Western Ontario Breeders, Inc. (WOBI) is using a newly acquired Sperry Univac 90/30 computer system to conduct its operations more efficiently. The computer's uses include: processing and keeping records of semen inventories, sire service information, conception rates, producing operating information, and general accounting. WOBI uses more than 400 computer programs to produce the data needed for various reports by its management.

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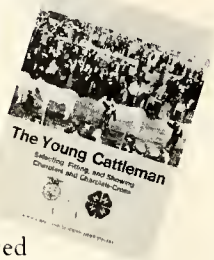

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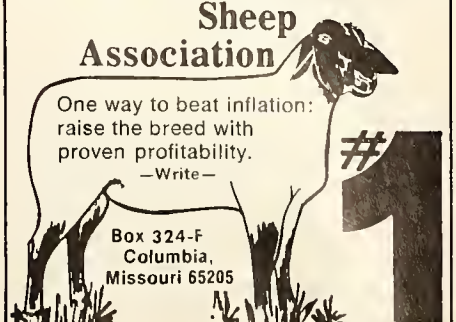

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The FFA NEWS IN BRIEF

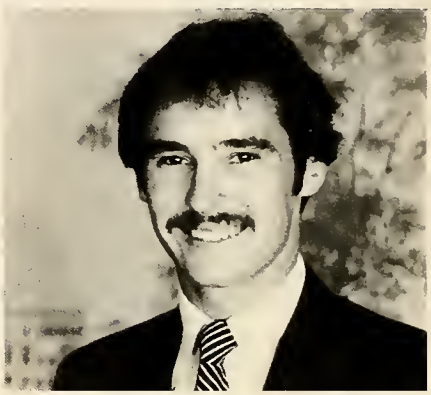
HAMMERS ARE SWINGIN' and remodeling projects are nearing completion at the National FFA Center. The dedication ceremony for the Center's new lobby is planned for July 27—just in time for the opening day of the State Presidents' Conference, according to Lennie Gamage, manager of international programs. Mr. Gamage estimates completion date for the Hall of Achievement, library and employee's lounge by September 30. Once completed, the Hall will be open to visitors from 10 a.m. - 3 p.m. Monday through Friday. Dedication of the Hall is scheduled for the 1982 State Presidents' Conference.

THE FFA BOARD OF DIRECTORS will have two new voting members for their July, 1981, meeting. Ralph Dreessen, state supervisor of agricultural education from Oklahoma, succeeds Sidney E. Koon, Jr., state supervisor from Colorado. Mr. Dreessen, who served on the Board of Directors representing the southern region in 1973-75, will now represent the western region FFA. State Supervisor Curtis Corbin, Jr., from Georgia, succeeds J. C. Hollis from Alabama, and represents the southern region.

THE FMC FOUNDATION of the FMC Corporation recently made a $12,500 contribution to the Future Farmers of America to support the 1981 national FFA Public Speaking contest. The contest, one of the oldest FFA activities, is conducted at the chapter, state, regional and national level, and designed to help FFA'ers improve their communication and leadership skills. The FMC Corporation is a major international producer of machinery and chemicals for industry, agriculture and government.

THE NATIONAL FFA HEADQUARTERS was the site for the NLCSO (National Leadership Conference for State Officers) from Ohio, Michigan, Tennessee, Kentucky and Indiana held in June. Normally the FFA Center is the scene for only one of the nine state officer leadership conferences held each year throughout the country, but these states opted for the National FFA Center in Alexandria, Virginia, says Tony Hoyt, FFA program specialist-leadership. Touting the conference as "highly successful," Mr. Hoyt adds, "It looks like we have a good group of new officers." The Merck Company Foundation sponsored the leadership materials for the group, whose host state was Ohio. The host states for the remaining conferences are: Wyoming, Nebraska, California, Mississippi, New Mexico, Georgia, New Hampshire and Virginia.

MICHAEL WILSON, a former state officer in the Illinois FFA Association from Egan, Illinois, has recently assumed duties as an associate editor of *The National FUTURE FARMER* magazine. Wilson is a 1981 graduate of the University of Illinois with a degree in Agricultural Journalism. While attending the University of Illinois Wilson served as editor of the student newspaper the *Illini AgriNews*. He worked as editorial intern with the staff of *Prairie Farmer* magazine during the summer of 1980. As Associate Editor, Wilson will be responsible for writing, editing, photography and production duties on the magazine.



Michael Wilson

EIGHTY-NINE AGRICULTURAL trainees from 15 countries, participants in the WEA (Work Experience Abroad) program, were welcomed to the National FFA Center for their inbound orientation meeting in July. The foreign students, placed for 3, 6 or 12 months, will work on farms and agribusiness institutions in 25 states, in an effort to learn more about U.S. agriculture. Meanwhile, 32 FFA'ers took advantage of the WEA program, and will be departing August 31 for placements in Europe and the South Pacific.

THE FFA ORGANIZATION is moving ahead on plans to implement the computer programming operation at the National FFA Center. Projected completion dates are as follows: computer room and offices—August 31; computers installed and tested—mid-September; and word processing to begin sometime in October. The new data processing staff consists of George Verzagt, manager of computer services; Mark Cavell, programmer; Janet Lewis, programmer trainee; and Debbie Quigley, operator. In addition, a program analyst will be hired in mid-August.

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Combining hard work with dedication, FFA member Dwaine Rowe strides constantly forward in the field of horse management.

by Jeffrey Tennant

EVEN the casual passer-by on the Tennessee state highway south of Paris notes the neat, bustling quarter-horse farm just off the road. A well-kept grounds, frolicking foals and sturdy-looking outbuildings denote an investment of hard work. Nothing is automatic in farming—a reason exists for the gleaming image of Rowe's Hillside Training Stable.

"The Rowes' farm is like a showplace," assures Jim Cloar, FFA advisor along with George Wofford at Paris High School. "And it stays this way."

Advisor Cloar says the Rowe operation holds a reputation as good as any quarter horse trainer in the region. The family

Top left, Dwaine takes stallion "Baird's Toy Mount" out for a light workout. Says Dwaine "He's our main feature."

Photos by Author

Left, Dwaine leads "Baird's Toy Mount" from stables. Above, Dwaine has a variety of cowboy hats in his collection.

Dreams with Horses

Dwaine receiving his horse proficiency award at the National FFA Convention.

strives to work on "repeat" business, meaning an all-out effort to retain customers.

"This is a grassroots operation," says Cloar, who has seen 18-year-old FFA member Dwaine Rowe expand his Greenhand project from one pony to a partnership in a thriving horse breeding and training enterprise. "Dwaine has helped his dad Jimmie build this business from scratch. Needless to say, they do an excellent job. This is a well thought out expansion of a goal set a few years ago."

Jimmie Rowe, who is one among the over 50 percent of area farmers holding second jobs, is also a respected policeman in Paris. A few years ago, though, Rowe decided he'd give the horse business a shot. He'd always loved horses, and needed the satisfaction that care of animals can bring.

"This business is a childhood dream I'd had," says Officer Rowe, whose love for horses is reflected in the close attention given equine "boarders" at Hillside. "I was very fortunate to have a son who shared my interest in it. After we moved to the country and got started with just a couple of horses, Dwaine started getting more and more interested. He saw that I liked it and that kept him excited. He's been dedicated to the business ever since."

Dedication is one reason Dwaine found himself on stage in Kansas City last year receiving FFA's southern regional proficiency award in horse management. But attaining status as a standout horseman takes more than dedication.

"Dwaine has contributed greatly to the establishment of Hillside," adds his father, who stresses that Hillside is not a father-son arrangement but a true partnership. "As we expanded, we'd draw on Dwaine's knowledge he gained in school. He learned many worthwhile things in vocational agriculture, such as farm management."

In order to build the farm's present facilities, enough to work nine horses simultaneously, the Rowes relied on family labor and a "slowly but surely" approach. Dwaine and Jimmie, along with mom, Bobbie, and daughters Cheryl and Shannon, painstakingly constructed the stable's necessary buildings and training areas. Hillside now breaks some 25 quarter horses a year, plus trains other bloodlines. High performance records have been turned in by many Hillside-trained barrel-racing, halter, game and pleasure horses. But breaking and training are only two of three services at Hillside. The Rowes also offer breeding at a $200 stud fee for their premier stallion, Baird's Toy Mount.

"He's our main feature," smiles Dwaine, brushing the horse's muscular neck. "I've had him since my freshman year. I've been in the ring with him and seen him take 25 first-place ribbons in 36 shows."

The Rowes closely supervise the breeding of the five-year-old stud to an average 25-30 mares annually. Though plans call for incorporating artificial insemination, breeding is now done conventionally.

A spirited horse such as Baird's is full of energy. Dealing with a "high strung," powerful stallion requires stern command at all times from the breeding supervisor, or rider. In other words, he has to know who's boss.

"There has to be a confidence, a sense of trust, between horse and human," offers Dwaine, "whether it's show or riding. FFA helps you build confidence in working with people. The same with horses—you learn their do's and don'ts. Of course, if you're gonna' ride, you need a little practice, too."

At the age of eight, Dwaine built a respectable rodeo reputation riding calves. He took some hard knocks as he progressed to bigger "rides," but chalked them up to rehearsal. At age 12, Dwaine felt he was ready for stiff competition. He began with the most dangerous—bull-riding.

"I've been rodeoin' for six years," he counts, "and really only been hurt once. When I was 14 a longhorn bull slipped in mud and stuck a horn through my ribs. It broke three bones and took 13 stitches."

So, why does he rodeo?

"I love it," he answers. "I love the people, the ride, the competition. Starting in April I'll go to two or three shows every weekend 'til about August."

Rodeo has heaped many rewards on Dwaine but one stands out. It's an award that will help him and his family build Hillside into the large-scale operation they desire.

"I just received a full scholarship to rodeo at Murray State University," Dwaine reveals, obviously pleased but aware of the challenge ahead. "I'll be on the rodeo team, probably calf roping and bull-riding. Room, board and tuition are paid so I'll have time to not only ride horses but study them, too."

Past chapter president Scott Stewart, who assists the Rowes' veterinarian, says Dwaine always wanted the best care for horses boarded at Hillside. Scott confirms that Rowe animals are always healthy but Jim and Dwaine won't rest until their dreams unfold at Hillside. With Dwaine's vo-ag and college training and his family's sacrifice of work and finances, those dreams may soon be reality.

"We can hold nine horses here now," says Jimmie. "We bathe 'em, exercise 'em, fans blow 24 hours a day. But our goal is an outdoor arena, 120 by 70 feet under roof plus an outdoor facility and veterinary clinic. We'll be able to shoe the horses there, work 'em out, cool 'em down and even keep their hair healthy. We could more than double our boarding capacity."

The ground is already leveled for the facility. Even though the operation must stand on its own, funded with only money made from the horses, money is building toward completion of the arena. Dwaine says FFA helped provide incentive to reach for higher goals.

"My proficiency award caused me to realize just how much I had," he says. "It made me proud, and made me want to do more. I owe a great part of my life to Future Farmers, and am thankful for the guidance of my advisors."

"Dwaine's been a superb son," concludes Jimmie Rowe. "I am more and more proud of him."

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10th Anniversary of BOAC

GALA CELEBRATION AND PREMIER SHOWING

FORMAL invitations announced it as the 10th anniversary of the Building Our American Communities program of the Future Farmers of America.

And like an opening night for an important play or movie, the festivities included the premier showing of an exciting new BOAC film "Hometown America." The film illustrates the projects of ten FFA chapters from across the nation.

There were 200 guests who attended the reception, banquet and showing as representatives of farm organizations and many trade and commodity groups. Keynote speaker for the event was Secretary of Agriculture John Block who proudly confessed he had been an FFA member, had earned his State Farmer degree and had been a state officer.

The Secretary expressed pride that his agency and especially the Farmers Home Administration, who provide technical assistance for BOAC, have teamed up with FFA for such an important project. The BOAC program is a fine example of how private citizens can work with government to improve our nation.

"I know the ten-year history of the BOAC program has made an impression on the United States Department of Agriculture," Block said. "The Farmers Home Administration youth loan program resulted from observing your BOAC program."

Senator Jesse Helms, chairman of the Senate Agriculture Committee; Representative Ed Jones, House Agriculture Committee member; and Edward Horrigan, chairman and chief executive officer of the R.J. Reynolds Tobacco Company, also spoke at the luncheon.

"The BOAC program has given unity and direction to community service efforts to thousands in our rural communities," Helms said.

Other congressional guests included freshman Congressman Larry Craig of Idaho who was a National FFA Vice President in 1965-66. Representing the Department of Education, in addition to National Advisor Byron Rawls, was Undersecretary of Education William Clohan who spoke, and Dr. Robert Worthington, assistant secretary for vocational and adult education.

National President Mark Herndon and National Secretary Bob Quick chaired the luncheon session and expressed appreciation for those adults and organizations who have helped FFA.

The Building Our American Communities program has been sponsored by R. J. Reynolds Industries, Inc., as a special project of the National FFA Foundation since 1980.

Ten years ago the BOAC idea was begun with support from the Eli Lilly Foundation who continued their support for nine years.

Secretary of Agriculture, John Block (left); Edward Horrigan, chairman of R. J. Reynolds Tobacco Company; National Advisor Byron Rawls and National FFA President Mark Herndon previewed the new BOAC film.

The elegant banquet topped off with fresh strawberries and cream set the stage for the 10th anniversary celebration in the Mayflower Hotel.

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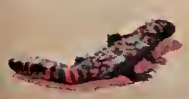

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THE U.S. Department of Agriculture recommends that all horses be vaccinated annually against equine encephalomyelitis (sleeping sickness).

This recommendation is emphasized by Dr. Ralph Knowles at USDA's Animal and Plant Health Inspection Service (APHIS). He points out that the recommendation includes vaccination against both Eastern and Western strains of the disease.

Although there is a trend toward routine annual vaccination, authorities say reasonable estimates are that only 20 to 25 percent of the total U.S. horse population now receives this protection.

Dr. Knowles' advice to horse owners is wholeheartedly endorsed by Dr. Thomas E. Walton at USDA's Arthropod-Borne Animal Diseases Research Laboratory in Denver. Both call equine encephalomyelitis "an ever-present threat." The probability of incidence of this disease in horses increases significantly where a large proportion of an area's horse population is not vaccinated against it. And biting insects can carry the disease to humans.

Under the proper conditions, every horse, regardless of breed, age or sex, is susceptible. The ideal time for vaccinating is before the local mosquito season begins.

A key carrier in the transmission cycle is the mosquito. Birds are the reservoir hosts. They introduce equine encephalomyelitis into an area via mosquitoes parasitic to birds (See Figure 1). Then other mosquitoes transmit sleeping sickness from birds to horses or humans. The build-up and concentration of infected birds, combined with large numbers of mosquitoes, intensifies into explosive encephalomyelitis incidence. Horses and humans are dead-end hosts.

Mosquitoes can thrive even in a dry climate if they can find standing water to breed in. In the western U.S. for example, irrigation canals and reservoirs provide a perfect base for mosquito propagation.

Once infected with equine encephalomyelitis, the horse exhibits various symptoms including fever, extreme nervousness, loss of appetite, depression and paralysis. Of the three principal strains of sleeping sickness—Eastern, Western and Venezuelan—the Eastern is the most severe because it usually results in death in 90 percent of the cases. The Western form may leave horses brain-damaged after a prolonged course of illness, treatment and apparent recovery. The Venezuelan strain causes explosive outbreaks with high equine mortality. It does not exist in the U.S. at present.

Sleeping sickness is a disease that affects the horse's brain and spinal cord. No antiviral treatment is available, and permanent damage may result if the horse survives. The only means of preventing equine encephalomyelitis is by vaccination. After the initial immunization, only an annual booster is needed.

Combination vaccines now available also allow the horse to receive protection against other major dangers at the same time it is vaccinated against equine encephalomyelitis.

Tetanus toxoid and equine influenza immunity are also available in combination with the encephalomyelitis vaccine. For more information on the prevention of equine encephalomyelitis and other diseases, horse owners should consult their veterinarians.

Figure 1: This illustration demonstrates the primary transfer route of sleeping sickness disease—an "ever-present" threat to both horses and humans.

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The Bucking Bronco

By Sherril Lowe

"AND now for our next contestant, Mr. Joe Anderson, number 43. And he's out of the chute! Look at that horse go! Look at the way Anderson's riding, his free hand nowhere near the horse. Look at the way that horse is bucking! He must be the meanest horse in the rodeo. I'm glad I'm not on that horse! He made it! His eight seconds are over. O-oh! He got off his horse the hard way! That hurt!" The announcer's voice typifies the excitement at a bucking bronco contest. Crowds of people cheer at every rodeo, but how many know the origin of the bronco?

These small, semi-wild horses that roam the plains of Mexico and western United States in free-spirited bands are sometimes referred to as mustangs (small, hardy naturalized horses of the western plains of America), but they are commonly known as broncos.

The bronco was introduced to North America via Hernando Cortes, the Spanish conqueror of Mexico, and the Spanish explorer Hernando de Soto, discoverer of the Mississippi River. The bronco was the first horse to exist in the New World. The Spanish either lost or abandoned the broncos, and the horses adapted themselves to the hard life of the west, where food and water were scarce due to the arid climate. They multiplied quickly and developed into small bands of beautiful horses roaming freely over the western plains.

These wild broncos were captured, domesticated and bred by the Cayuse, a North American Indian tribe that formerly occupied the Blue Mountain region of northeastern Oregon and sections of Washington; they now live on the Umatilla Reservation in Oregon. Today the bronco is frequently called the Cayuse or Indian Pony.

When the west was first settled and people started raising cattle, the cowboys began rounding up these wild horses. Before the horses could be used in the cattle roundups, their spirit had to be broken so the cowboy could ride without being thrown every time he mounted.

There were two main ways of breaking horses, neither of which were easy. The first was for the cowboy to very carefully saddle the horse, then allow it to spend the rest of the day getting used to the extra

(Continued on Page 32D)

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FFA - A Growing Organization

By Becky Vining

CONGRATULATIONS, FFA members! You're part of a growing organization. FFA membership reached 482,611 for 1980-81, an increase of 935 members from last year.

Chapters all across the nation have been recognized for contributing to this national increase. The 10-PLUS banners that now adorn 1,585 vo-ag classrooms and the 100 percent caps that members from 2,600 chapters wear are signs that chapters realize the importance of FFA membership.

"FFA offers endless opportunities for every vocational agriculture student," says National FFA President Mark Herndon. "The programs prepare members for careers in agriculture and agribusiness by teaching technical skills as well as communication and leadership abilities. Every vo-ag student should have the extra advantage of FFA membership."

This career preparation is more important than ever before. Today agriculture is our nation's biggest industry with assets totaling $790 billion. This modern agriculture needs competent leaders, and FFA membership can help develop those skills.

"Our membership increase is in part thanks to the 10-PLUS program and 100 percent recognition that was started this year," Herndon said. "High school enrollment has decreased over the past few years, but this program promotes the many benefits of being an FFA member so more vo-ag students become an active part of the organization."

There's no application to fill out to become a 10-PLUS chapter. The chapter advisor simply mails in the completed membership roster, and if the list includes 10 or more members than the previous year, the chapter receives a 10-PLUS pennant. This pennant, the only one awarded by the FFA that's gold rather than blue, can be proudly displayed in the vo-ag classroom and at FFA meetings.

Chapters may also qualify for the 100 percent honor when the membership roster is returned. If the number of FFA members is equal to or greater than the number of students enrolled in vo-ag, the chapter is awarded the 100 percent membership distinction. The membership chairman or chapter president receives a gold 100 percent membership cap, and the entire chapter may order them to show off this honor.

Thanks to these chapter efforts, the national membership percentage has increased. In 1978-79, 71.3 percent of all vo-ag students were FFA members. Vo-ag enrollment figures for 1980-81 aren't available yet but with the increase in FFA membership, even if enrollment remained the same, the percentage would reach 79.3 percent, a new record.

How can chapters boost membership and qualify as 10-PLUS and 100 percent chapters? Mr. Coleman Harris, national FFA executive secretary, believes there are three ways.

"The first way to increase FFA membership is to get all first-year vo-ag students on the membership roster. FFA is part of their instruction so they need to be active members," Mr. Harris said. "Number two is to hold students once they've started the program. Chapters must keep up the interest in chapter activities to retain students as they progress through vo-ag classes. Number three is to hold graduates. FFA membership may continue until November 30 following the fourth National FFA Convention after high school graduation. These graduates may continue to play an active role in the chapter."

The Dorman FFA Chapter of Spartanburg, South Carolina, combined these three methods to be the first chapter in 1980 to send in their 10-PLUS roster. They are now helping promote the program nationwide since 11 members of their chapter appear in the membership poster which is attached to each 1981-82 chapter membership roster.

"We present a slide show to eighth graders to encourage them to enroll in vo-

(Continued on Page 29)

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Above, Larry takes record keeping seriously, making calculations before decisions; "A close watch on your farming is necessary."

Facing Farming's Challenge

Through tight management practices and a close eye on the futures market, Larry Shrawder's farming operation continues to grow.

LAWRENCE Shrawder has already been challenged many times by the agribusiness part of farming. The 19-year-old past Pennsylvania state FFA president says he's looking forward to more decisions—and the opportunity to continue farming full-time.

"My year as president was very rewarding," Larry assures, referring to his state presidency that ended in June. "I did have to sell my hogs, though, to keep up with the office. You can't devote daily attention to farming when you're in office. And a close watch on your farming is necessary."

Larry's farm holdings have greatly multiplied since a humble beginning of a few sows got him started four years ago. As a freshman in the Kutztown, Pennsylvania, High School, Larry had the ambition to farm. All he needed was start-up capital—money he could invest in an enterprise.

"Procuring my capital basically goes back to an article I'd read in *The National FUTURE FARMER*," offers Larry. "The story told about Farmers Home Administration (FmHA) youth loans. I knew the hardest thing about farming was getting into it, so I was ready for a battle. But the youth loans sounded like something reachable. I gave it a shot and got one. Since then I've borrowed over $100,000 from FmHA."

Larry has used tight management practices to keep loans paid down and still retain enough money for operating capital—money needed to maintain everyday workings of the farm. Though a constant study of markets has helped Larry sell his product at consistently good prices, his management philosophy has also helped him build his farming assets.

"You don't have to pay the FmHA loans off until two years," explains Larry. "But I like to give my payment in full after harvest or a major sale. That way I can control my debt load and not be so bound when I need to borrow more operating money."

Larry says he once visited his FmHA loan officer with full intentions of borrowing $5,500. "But," he says, recalling his surprise, "I wound up with the maximum youth loan that day—$10,000. I found that I could invest all the money. In fact, I bought a tractor with it. But I was glad to have some management advice behind me from my dad and vo-ag teachers."

Through exacting credit management, a close eye on markets and a willingness to learn from others, Larry now has farming assets near $100,000. Today he rents over 600 acres of rich farmland. Winter wheat, corn, alfalfa and soybeans are his major crops, and Larry owns much of the equipment necessary to take crops from seed to sale. With such an investment, great risk is involved. But Larry believes he's found a way to reduce his risk—by "shifting" his risk to someone else.

"You can do that in the futures market," vouches Larry. "Speculators are willing to gamble on prices in futures markets. They might contract your whole harvest from you at a good price if they think prices will go even higher later. Then they simply sell what they bought earlier. Even though you don't know the person buying your grain you can use futures to lock in a good price."

Larry follows futures markets daily, watching for favorable price movements in crops he has planted. Although he's just wrapped up planting of spring crops, Larry can actually sell his crop by estimating his final production then "hedging" all or part of that production on the futures market.

"Marketing in futures can be complex," says Larry, "and does take practice. You should always gain an understanding of it before attempting to utilize futures. A dumb move can be costly.

"But here's my basic strategy. I begin watching prices on futures markets even before planting. Let's say I see a bushel price for soybeans in the December futures market that I know will cover my production costs and give me a profit. I call my broker and hedge, or tell him to sell a percentage of my crop at the December price.

"If I sell half my crop, say, 5,000 bushels at $8, then I'm assured that price at harvest even if cash prices drop. At harvest, I'll sell that 5,000 bushels to my local elevator for the cash price. If cash price is $7.50, I can buy back 5,000 bushels on the futures for $7.50 and make 50 cents per bushel there (sold at $8 and bought back at $7.50). Add that 50 cents to the $7.50 cash price from the local elevator and I have my $8."

Utilizing futures markets in your selling strategy can be complicated and requires disciplined management. But Larry's willing to invest time in learning how to sell his quality products. For him, farming offers many challenges. But for Larry facing those challenges and finding accomplishment makes reward even sweeter—and the Shrawder farm more successful.

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Showing And Growing With Cattle

By Gary Bye

"SCOT was born with a showstick in his hand," says FFA Advisor Dan Birdsell of Scot Lenhard, the 1980 FFA national proficiency award winner in beef production. Scot, from the Deer Park FFA Chapter in Washington state won the award based on the 100-cow herd of registered Angus cattle he began building as a 10-year-old.

"I like to think I have one of the top herds in our state," says the 18-year-old cattleman. "That has been our goal all along." Fact is, with Scot's use of new reproduction techniques in the beef industry, his herd is rapidly becoming one of the top in the country. Last year, for example, his herd bull topped the three largest Angus shows in the country—at Louisville, Kentucky; Denver, Colorado; and Reno, Nevada.

In 1979 Scot set up an embryo transfer program to increase the number of quality females he could produce from his top cows as replacement heifers each year. In this procedure, fertilized eggs are flushed from his top cows. They are placed in donor cows, usually Holsteins, which carry the calves until birth.

One of Scot's cows, for example, produced 17 eggs in one flushing. Nine of those eggs were fertile and six eggs were actually accepted by donor cows.

Each of the top cows is flushed three times in the first year of the program. Finally, after the third flushing they are rebred and allowed to carry their calf full term. This allows the cow to rebuild her strength for flushing again in the third year. By using this procedure, Scot has been able to produce as many as 12 calves from one cow during a one year period.

This procedure is just the last in a long list of production techniques that Scot has used to develop his herd. He began as a first year 4-H member with one cow kept back from his father's dispersal sale. His dad was getting out of the cattle business and Scot and his brother Gordon chose five of the herd's best cows to keep to begin their own herds. Also that year, Scot began raising market steers for show. Each year he would attend three area livestock shows and show one or two steers at each show.

He was a consistent winner at the steer shows and used the winnings to purchase additional purebred females for his herd. As a young teenager he also convinced a local lending institution to extend him a line of credit to use for building his herd. With the funds, Scot bought the very best females he could find for his money.

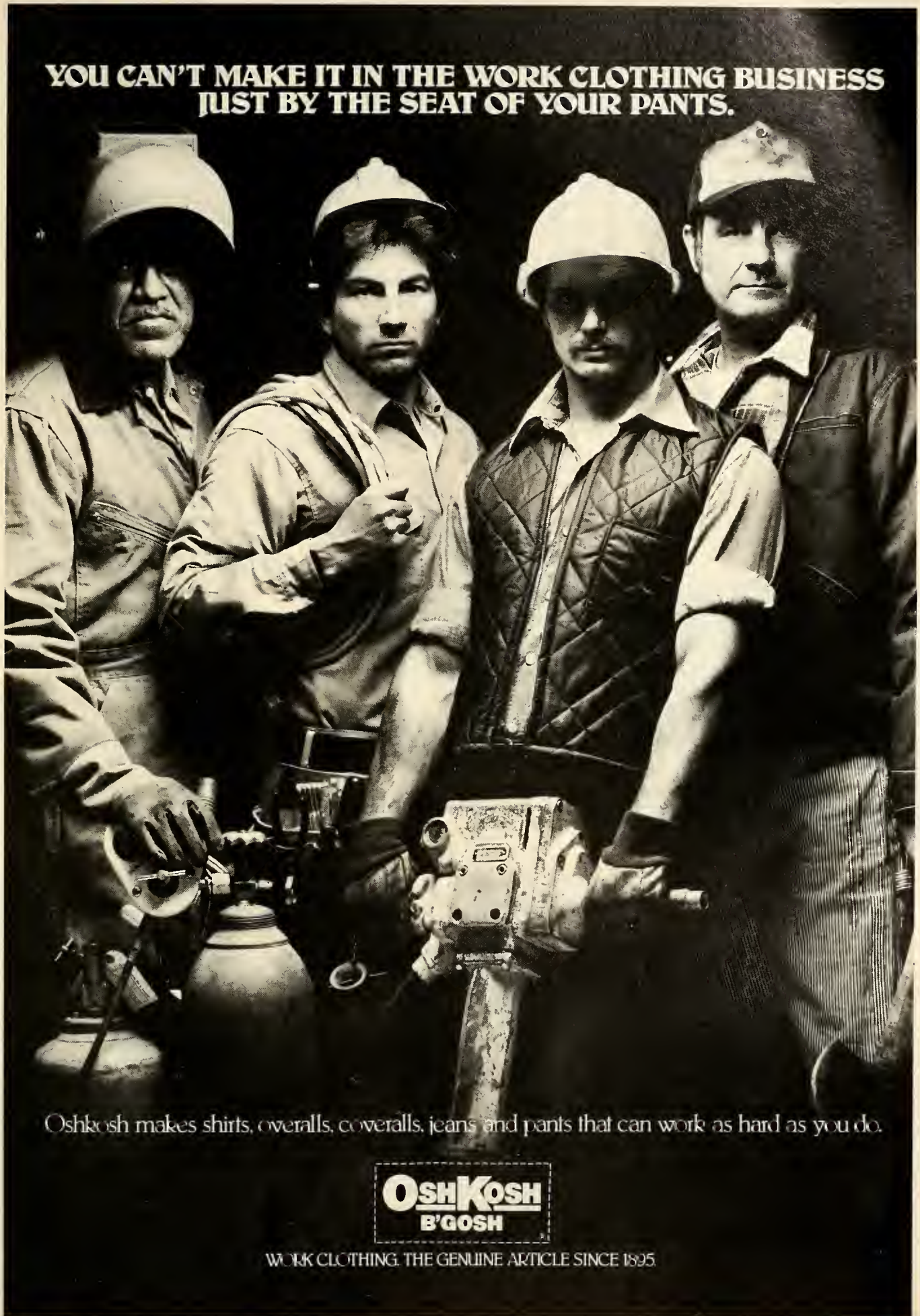
To assist in financing his herd building, Scot would buy day-old dairy calves from the area's dairymen and raise them to weaning weight. The additional funds also helped to secure top-notch semen from the nation's best bulls to breed to his small herd. One ampule of semen could cost as much as $250.

Once Scot was old enough to hit the show circuit he became even more dedicated to building a quality Angus herd. During his high school years it was not uncommon for him to attend over a dozen shows throughout the West. By agreeing to help fit and show other breeders' animals, Scot often earned a free ride for one of his own animals to a major show.

To fully appreciate Scot's commitment to the goals he had set for himself, one need only look at his travel schedule as a senior in high school.

In January he showed in Denver, Colorado; February in Boise, Idaho and Spokane, Washington; and April in Reno, Nevada. During May Scot was again showing in Spokane, June in Hermiston, Oregon; Chehalis, Washington and Mulino, Oregon. In July Scot attended the National Junior Heifer Classic in Wichita, Kansas, to run for the national board of directors. In August he was showing again, this time in Vancouver, British Columbia.

(Continued on Page 24)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Showing Cattle

(Continued from Page 22)

In September he showed in Colville and Spokane, Washington, before wrapping up the season in October with shows in Yakima, Washington, and Portland, Oregon.

That kind of schedule is not for the average high school student. Scot isn't. He graduated with a 3.3 grade point average and was the school's student body vice president.

"Scot took maximum advantage of his opportunities," says Advisor Birdsell. "He learned more about his career choice by going to those shows than by sitting in a classroom. And then he was dedicated enough to come back and make up the school work he missed."

Scot agrees, "Showing a string of purebred cattle is the best education a purebred breeder can have. You meet your competition and your customers first hand. You keep up on show techniques and fitting tactics. It helped me mature a great deal. I have been called on to speak at banquets and to discuss business with some of the country's top breeders."

Showing cattle offers another advantage to a young breeder. "Most of the Angus breeders are willing to sell their better animals to me because they know I will put them into my show string. Then I'm advertising the quality of their cattle as well as my own herd," explains Scot.

When asked what advice he would give a young person starting a purebred herd, Scot suggests buying the best cows you can with the money you have available. Also he advises working closely with an established herd. "Until I was a junior in high school I bought most of my cattle from one herd. First find someone who has the quality animals you like and stick with their program of breeding."

Determining who has the best animals is the sticky part. It was made easier for Scot by the training he had received through the FFA livestock judging program. Both he and his older brother Gordon were the top FFA judges in the state and competed in the national FFA livestock judging competition.

Gordon, now 25 years old, blazed some other trails Scot has tried to follow. He was state FFA Star Farmer and Washington State FFA president. Scot was runner up to the state star and was beaten out for a state office by one of his own high school classmates.

Yet, the setbacks for Scot are diminished by his own list of successes. He competed in the finals of the state FFA parliamentary procedure contest three times. His team won two of those three contests. He also placed fourth in the state FFA meat judging contest and attended the National FFA Convention as an alternate to the team when he was only a freshman.

But the biggest thrill for Scot was his winning the national FFA proficiency award in beef production and the international travel to Europe that went along with the honor.

"It was the most exciting day of my life when I won that award," says Scot. "The trip to Europe was icing on the cake. I made so many good friends that I will keep for life. And the exposure such travel gives can't be duplicated any other way."

Since his award, the drive to succeed hasn't stopped for Scot. He now owns 300 head of cows, bulls, and yearling heifers. He owns 200 acres of hay ground for producing feed for his cattle. And he is also leasing 180 acres from his father on which they have established a six-tower irrigation circle. The sprinklers are fed from a 5,000 gallon-per-minute well they drilled 70 feet deep. The irrigated acreage produces six tons of alfalfa per year.

Since graduating Scot has attended a semester of college. He also served for two months as a management trainee at a downtown restaurant in Spokane. "We are preparing to build our own restaurant in Deer Park," says Scot.

The restaurant would be built adjacent to and overlooking the pasture where his black cattle graze. Scot says they will try to pull city folk out for dinner in a country atmosphere.

Eventually too, Scot hopes to attend Michigan State University, a leading school in animal science, to work for a degree in that subject. "Whatever I do in the future I know I will somehow be involved with cattle. I began learning to show cattle when I was four years old and have never really stopped."

Left, Scot with Advisor Jerri Klicker. Below, left, Scot's senior herd sire, the tallest Angus bull in North America for his age, 59¾ inches at two years. Below, right, Scot with Advisor Birdsell, brother Gordon and father Don Lenhard.

When you buy a scope that will "do everything," make sure that "everything" includes performance when you need it most.

It would seem that the variable power scope is the final answer for most hunting situations. If you don't have enough magnification, just crank it up a bit. If the field of view is too small, go to a lower power and spread things out. If you hunt more than one kind of game or shoot in widely differing terrain, the variable has what you need from varmints to big game, close in or as far away as the ballistics of your rifle will effectively do the job.

But there is more to manufacturing a variable power scope than giving you the ability to zoom in and out. At Leupold, the *performance* of the scope in all the hunting conditions you're likely to encounter is the first criterion in the design and manufacture of both the Vari-X II and the newer Vari-X III variables.

Eye relief, the distance from your eye to the eyepiece, is usually no problem at the lower power settings, but when you move to higher magnifications, the eye relief shortens slightly. Other factors can shorten the *effective* eye relief, such as the way you hold your rifle in awkward shooting situations, or the amount of recoil produced by heavy loads. For these reasons, Leupold maintains a generous eye relief even at the highest power settings. The sight picture you get from one magnification to the next should only change in size, but not in clarity, sharpness and flatness.

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consistent optical quality throughout the range of power settings in the Vari-X III variables. A critical look through one of these variables will show you a sight picture the way it is, without distortion, without fuzziness or curvature at the edges, without any variation in clarity at any magnification.

Like all Leupold scopes, every Vari-X II and Vari-X III variable is "proof tested" in a special 120°F underwater vacuum tank which puts an overload condition on every seal to try to make the scope leak. Such proof testing assures that your Leupold variable won't fog up in foul weather, high altitude or changing temperature conditions.

The intricate *mechanical* system that lets the variable's *optical* system perform the way it does, must be anchored securely inside the scope so that it will function perfectly despite rough treatment and heavy recoil. To make sure, Leupold puts its scopes through a mechanical tester that delivers a jarring impact greater than a .375 H & H magnum. Several thousand cycles in this machine prove *any* scope's mettle.

All of the experience, design, care in manufacturing and testing programs that accompany each Leupold variable are translated into performance for the many kinds of hunting and shooting you can do with just one scope.

For instance, you can bring a jackrabbit up to antelope size with more magnification. With a Leupold, you can determine what's jackrabbit or what's a clump of sage. You can ride all day with your rifle bouncing in a scabbard, then pick out a mule deer at twilight. With a Leupold, everything functions perfectly and the reticle is firmly in place. What's more, the scope will gather all the available light and let you count the points. You can take your rifle and scope out of a warm pickup truck, trudge through the snow and take your stand. With a Leupold, the scope is always ready, just at the time the whole trip is about to pay off.

So when you decide to go for that "do everything" scope, go for the variable that starts and ends with performance: Leupold.

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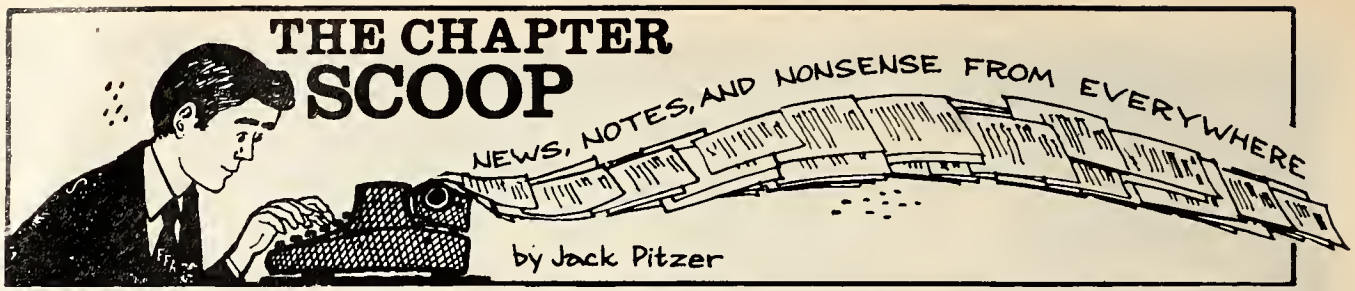


Farm skills contest held by *Bushnell-Prairie City*, IL, Chapter included tractor driving, steel post driving, nail driving, barbed wire roll and straw stacking.

N-N-N

Just like at an FFA convention, the newly elected, *Douglas*, OR, chapter president **Marci Delfeld** led the closing ceremony for the banquet.

N-N-N

Idaho's first state president, Mr. **Rodney Hansen**, who served in 1928-31, was speaker at this year's *Castleford*, ID, annual spring banquet.

N-N-N

They raised 70 chickens to feed the annual parent-member banquet at *McKay* FFA in Salem, OR.

N-N-N

Unique awards program for *Central Lyon*, IA, Chapter: awards go to members who do dumb things in class like a wisecrack, leaving water running in shop or lights on in storage room. Lowest is dipstick. Three dipsticks get you a lugnut award. Two lugnuts earn you the coveted silver sow.

N-N-N

Word has come in that when National Vice President **David Pearce** was at the Puerto Rico state convention, five members of *S.U. Quebrada Honda* Chapter tried to dunk him in the pool. Lucky for all they failed.

N-N-N

FFA teamed up with state highway patrol and offered free auto and truck safety check at *Twin Valley South* in OH.

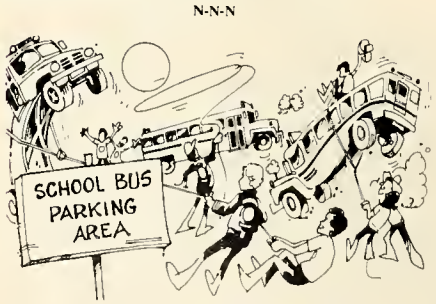
N-N-N

Cumberland Valley, PA, Chapter organized a trip to New York City.

N-N-N

Instead of a traditional chapter banquet, *Selah*, WA, has an annual parent and member dessert. Everything else is typical—awards and installation of new officers.

N-N-N



North Bend, NE, Chapter sponsored a School Bus Rodeo for area school bus drivers as part of FFA safety project. Trophies to drivers and refreshments were provided by the chapter.

N-N-N

Advisor **Joe Navrath** and Alumni member **David Friend** won horseshoe pitching championship on *Prague*, OK, camping trip.

N-N-N

Prague also hauls straw each summer for a local farmer. In return, the chapter gets all the straw it needs for the show circuit.

The sales commission check from selling Official FFA Calendars at *Parowan*, UT, was used to buy gladioli corms to plant outside the school.

N-N-N

Speaker at *Shoshoni*, WY, banquet, Mr. **Don Thoren**, wore his 1957 FFA jacket to show the importance FFA had on his life.

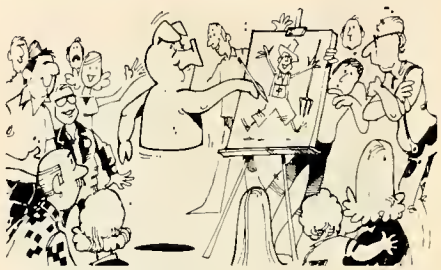
N-N-N

Freshmen in *Wauseon*, OH, go on a field trip to each of the class members' homes to see how the farm operation runs, observe the home improvement projects and in general, get to know each other better.

N-N-N

Before class on the last day of school this spring, *Tri-Valley*, IL, members met for breakfast and went fishing. Early risers!

N-N-N



Peoria, AZ, FFA held a half-a-hog drawing to raise funds.

N-N-N

Beggs, OK, claims the national title in the International Land, Pasture and Range contest held every year in Oklahoma City.

N-N-N

It's catching on to go on a retreat to plan the next year's activities or program like *Moss*, OK and *Delhi*, IA.

N-N-N

"Be Careful, We Love You/ Your Family" stickers to go on farm equipment, in cars, in shops or on lawn equipment are distributed by *River Valley* FFA in Marion, OH.

N-N-N

For trip to MoorMan's feed headquarters in Illinois, *Wright City*, MO, members rode with another Missouri chapter to save gas.

N-N-N

John Peters was given recognition at *Amanda Clearcreek*, OH, banquet for his specialty project of popcorn.

N-N-N

Stacey Santee, new reporter for *Lewis Cass* FFA in Walton, IN, sent word that a 6-8 p.m. baseball game increased attendance at the 8-9 p.m. summer chapter meeting.

N-N-N

Advisor **Jackson** surprised *Martinsville*, IN, officers and ordered new FFA ties and scarves for them before the state convention.

N-N-N

Funds to send *Latta*, OK, delegates to national convention will come from sale of hay feeders built and sold by members.

N-N-N

A big barbeque is an annual event for *Rabun County*, GA, FFA to salute retiring officers and welcome the new team.

Local proficiency winners in *Warrenton*, MO, didn't actually receive their pins until they turned in to the advisor a thank you note written to National FFA Foundation sponsors. Advisor **Simonson** then mailed them.

N-N-N

"We accomplished a goal this year when we had a local winner in all 22 FFA proficiency award areas plus the stars and speaking awards. Our 51 in-school members turned in 70 applications. We also had a first and a second place winnter at state. That's our 14th year with at least a first and second place state winner." **Frank Ward**, *North Linn*, IA, Reporter.

N-N-N

Central Vermont Chapter in Randolph is building a new 15-foot by 20-foot pole type sugarhouse. They'll buy sap from local growers then sell syrup to repay the loan.

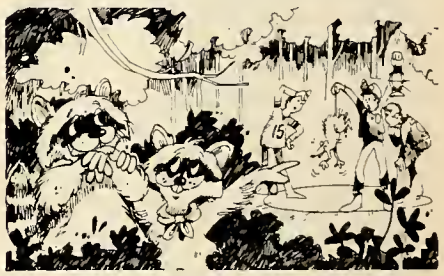
N-N-N

Advisor of *Windsor*, IL, Chapter is also mayor of the city, His Honor **Glenn B. Sims**.

N-N-N

Melinda Brainard and **Janet Lebrun** were the only members of *B.E. Groom* Chapter in ND to last out the 24-hours of a rock-a-thon (either in a rocking chair or dancing).

N-N-N



When *Pleasant Hope*, MO, had its 'coon hunt, no hunter had any luck. So they rescheduled it. Still no luck. So they gave a 12-inch gold first place trophy to **Gerald Francka** who got two opossums.

N-N-N

Seven of *Dover*, NH, FFA gave a parliamentary procedure demonstration for the Board of Education.

N-N-N

If you won an FFA proficiency award this year, don't fail to express your thanks to the national sponsor of the program.

N-N-N

And if you didn't win one find out what it takes to apply. If you have any kind of SOEP at all, you're probably already eligible.

N-N-N

Winner in h-o-r-s-e tourney sponsored by *Archbold*, OH, FFA was senior **Mike Benecke**.

N-N-N

Creighton, NE, butchered and barbequed 4½ hogs to serve 750 folks and raffled off another hog. All raised $1,000.

N-N-N

Why do so many Ohio chapters send in news items for Scoop? How about Texas, Louisiana, Florida, Kentucky or Arizona?

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Dual Service for Agriculture

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Membership

(Continued from Page 18)

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The Canoga Park, California, Chapter did more than gain 10-PLUS; they're a 96-PLUS chapter. Membership soared from 33 to 129.

First-year teacher Steve Pietrolungo said his students were ready for a change; they set some chapter goals, and everyone joined the bandwagon. Mr. Pietrolungo provides some added incentive for his students to become active in FFA.

"We use a point grading system in class, so students who join FFA before a certain date receive so many points," he said. "They're not buying a grade, but it's a nice start toward maximum points.

"Also each class that reaches 100 percent membership gets a free barbeque. When it's down to the last two or three students, the peer pressure really builds 'til they usually join."

During the first few weeks of class, Mr. Pietrolungo also explains the advantages of FFA and how it benefits students in production, agribusiness and horticulture.

At North Fort Myers, Florida, FFA chapter membership nearly doubled this year—from 46 to 89 members, but chapter Advisor Nancy Ward takes none of the credit.

"The students themselves have been real eager to join FFA," Ward said. "They're proud to be FFA members, and the more others see what FFA is all about, the more they want to become members."

To promote vo-ag enrollment and FFA membership, the chapter officers spoke to students at the middle school. They showed the "Sights and Sounds of the National FFA Convention" slide program, passed out FFA brochures and told about their experiences. A summer picnic and the chapter officers speaking to first-year classes in the fall did more to recruit membership.

Chapter officers at Marion, Kansas, were also enthusiastic about the 10-PLUS program when it was initiated last year.

"The students set their goal early. They wanted to be 10 members over last year and to be known as a 10-PLUS chapter," said Earl Wineinger, chapter advisor.

The chapter achieved this goal and another one—they reached 216 percent membership.

"We have specialized courses, such as introduction to ag, livestock, crops, ag power, ag machine shop skills and leadership," Mr. Wineinger said. "Some students may take only two or three years of these specialized courses to fit their career plans, but they can maintain their FFA membership."

In accordance with the national FFA constitution, these members who aren't currently enrolled in vo-ag may retain membership only if they "follow a planned course of study for an agricultural occupation which includes a supervised occupational experience program, the objective of which is establishment in an agricultural occupation."

The Marion Chapter also has a plan that encourages members to pay their dues early so they can take advantage of all the opportunities available through FFA. The chapter takes a trip to the state fair each fall just ten days or so after school starts. Only those who have paid their FFA dues may go to the fair, so the year usually starts off with a complete roster and a fun-filled chapter activity.

These are just a few of the chapters that have met the FFA challenge and contributed to the national membership increase. Now it's your turn to help all vo-ag students take advantage of the many benefits of FFA. Help your chapter become a 10-PLUS or 100 percent chapter!

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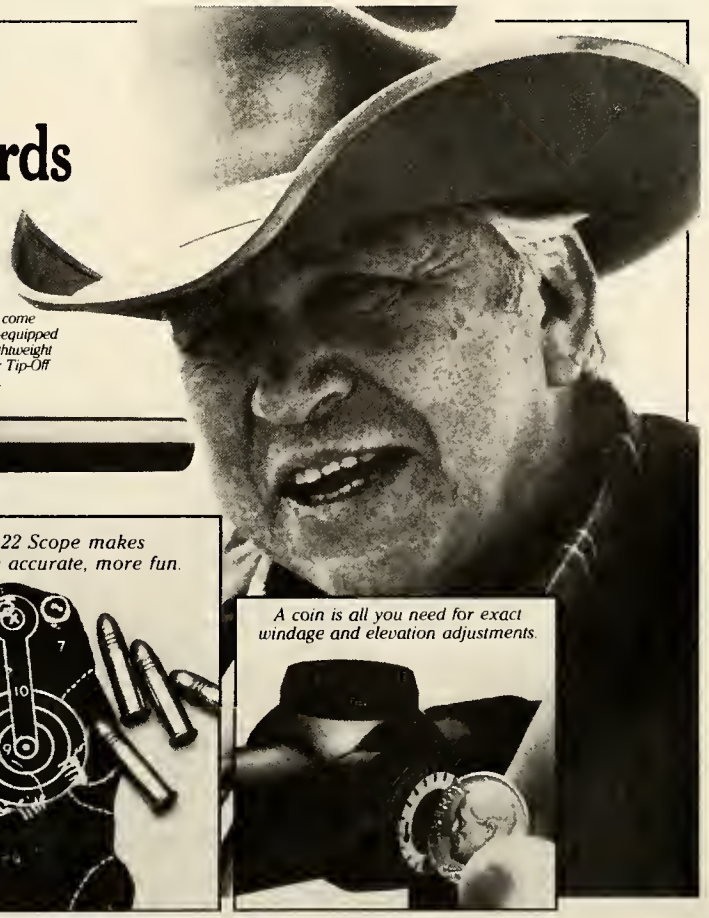

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About 90 percent of Dorman's graduating seniors retained their FFA membership, Mr. Moore said. "We just mailed out a letter and asked if they wanted to join. They were active while in high school and wanted to maintain their membership. Some are active and alumni members."

The Canoga Park, California, Chapter did more than gain 10-PLUS; they're a 96-PLUS chapter. Membership soared from 33 to 129.

First-year teacher Steve Pietrolungo said his students were ready for a change; they set some chapter goals, and everyone joined the bandwagon. Mr. Pietrolungo provides some added incentive for his students to become active in FFA.

"We use a point grading system in class, so students who join FFA before a certain date receive so many points," he said. "They're not buying a grade, but it's a nice start toward maximum points.

"Also each class that reaches 100 percent membership gets a free barbeque. When it's down to the last two or three students, the peer pressure really builds 'til they usually join."

During the first few weeks of class, Mr. Pietrolungo also explains the advantages of FFA and how it benefits students in production, agribusiness and horticulture.

At North Fort Myers, Florida, FFA chapter membership nearly doubled this year—from 46 to 89 members, but chapter Advisor Nancy Ward takes none of the credit.

"The students themselves have been real eager to join FFA," Ward said. "They're proud to be FFA members, and the more others see what FFA is all about, the more they want to become members."

To promote vo-ag enrollment and FFA membership, the chapter officers spoke to students at the middle school. They showed the "Sights and Sounds of the National FFA Convention" slide program, passed out FFA brochures and told about their experiences. A summer picnic and the chapter officers speaking to first-year classes in the fall did more to recruit membership.

Chapter officers at Marion, Kansas, were also enthusiastic about the 10-PLUS program when it was initiated last year.

"The students set their goal early. They wanted to be 10 members over last year and to be known as a 10-PLUS chapter," said Earl Wineinger, chapter advisor.

The chapter achieved this goal and another one—they reached 216 percent membership.

"We have specialized courses, such as introduction to ag, livestock, crops, ag power, ag machine shop skills and leadership," Mr. Wineinger said. "Some students may take only two or three years of these specialized courses to fit their career plans, but they can maintain their FFA membership."

In accordance with the national FFA constitution, these members who aren't currently enrolled in vo-ag may retain membership only if they "follow a planned course of study for an agricultural occupation which includes a supervised occupational experience program, the objective of which is establishment in an agricultural occupation."

The Marion Chapter also has a plan that encourages members to pay their dues early so they can take advantage of all the opportunities available through FFA. The chapter takes a trip to the state fair each fall just ten days or so after school starts. Only those who have paid their FFA dues may go to the fair, so the year usually starts off with a complete roster and a fun-filled chapter activity.

These are just a few of the chapters that have met the FFA challenge and contributed to the national membership increase. Now it's your turn to help all vo-ag students take advantage of the many benefits of FFA. Help your chapter become a 10-PLUS or 100 percent chapter!

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Training The Cutting Horse

By Herm Nathan

Keith, with grandfather "Pine" Johnson, works hours each day training cutting horses "to perfection."

FFA member Keith Johnson, from Rendon, Texas, believes that at 18 he may be the youngest professional trainer and rider of cutting horses.

The cutting horse—small and agile with a good instinct for cow psychology—evolved on the American open range. It was used for its ability to separate a cow from a herd and then keep her from getting back to the place she wanted to be more than anything else in the world: back with the herd. It was led—not ridden—to the job and was exempt from such mundane work as herding, wagon-pulling and long-distance saddle trips.

"Today the cutting horse is bred for the job, and the job is primarily a sport," says Keith, "although some large ranches still use them for range work."

The National Cutting Horse Association's big show in Fort Worth in December, the biggest show of its kind, will bring 465 entrants from 37 states plus Canada and Australia. Members of NCHA call their animals "the aristocrats of working horses."

"The thing that distinguishes a cutting horse contest from other horse shows is that the cutting horse must work on its own without reining or any other signal from the rider," says Keith.

The rider picks out one of the heifers in the herd and guides the horse until the calf is out of the herd. Then the rider drops the reins as the horse "works" the calf, keeping it from going back to the herd. Two "turnback" riders keep the calf headed toward the working horse.

"A horse is supposed to be able to go into a herd slow and easy, without disturbing the other cows," Keith explains.

During contests, points are also awarded for the horse's ability to hold the cow away from the herd without being cued by the rider and on the "play" or activity the horse gets out of the cow, Keith says.

Points are taken away from the horse's score if a cow gets back to the herd, if the horse is pushed back to the fence or if the rider moves the reins while the horse is working.

Keith demonstrates how the cutting horse "works" the calf, keeping it from going back to its herd.

With 750 NCHA-accredited contests around the country each year, a contestant must ride nearly every weekend. A cumulative score is kept during the year. The horse that wins the most points in any year is proclaimed world champion.

When Keith and his grandfather James Lewis "Pine" Johnson—considered at age 67 to be the oldest rider—compete in cutting horse contests they will work with each other as herd holders or turnback riders.

"We work together and each one tries to make the other look good," the elder Johnson says. "Your herd holders or your turnback man can cost you a contest, but most of the people in this help each other."

Pine Johnson became interested in cutting horses when he was a young man working on a ranch. "I started long before they had contests," he says. "I've been interested in horses all my life. I like to see an animal perform on his own."

"In almost every other event, the horse is under complete control of the handler, but a cutting horse performs on his own," adds Keith. "It takes a quick horse—bred to think—to make a good cutting horse. He needs to be able to run, stop and make quick turns."

"You don't want a cutting horse *chasing* a cow," Pine Johnson adds. "You want him to keep his head down and eye the cow. Cows don't seem to like a horse looking them directly in the eye."

While Pine Johnson has trained cutting horses for nearly 40 years, he has always ridden for someone else in contests. He, like Keith, would rather train horses than compete in the contest games.

Keith and his grandfather agree they've never wanted to show a world champion. "You've got to haul a lot of miles and stand a lot of hotels all day," Pine says. "If you win $30,000, it'll probably cost you $40,000."

"It's a rich man's hobby," Keith observed. "The average cowboy earning $500

(Continued on Page 32)

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Horse Trainer

(Continued from Page 30)

Keith and Pine scramble to prevent a calf's "escape."

or less per month would be an unlikely buyer of a cutting horse in today's arena at today's prices. Young competition cutters sell for $10,000 to $60,000 or more if they or their sires or dams have proven themselves in the arena.

"For the proven winning stallion or broodmare, the sky is almost the limit."

Pine Johnson has trained many horses during his career, including a handful that went on to become National Cutting Horse Association horse-of-the-year—an award given the horse that wins the most money in a one-year period. Pine hopes his grandson Keith is hooked on the business: "I intend to turn it over to him some day," he says. "But I'm not ever planning on retiring. I'm going to keep on helping Keith until he's 65."

Pine Johnson says he and his wife, Naomi, raised four sons without getting them into the business.

"I made sure they always had a good horse," he continues. "I guess I burned them out. When Keith came along, I just let him go. I think he wore out about three motorcycles around here, and then about three years ago, he came around and said he wanted to rope.

"He's coming over and helping me with the cutting horses, so we can get through and work with the roping horse, I guess," Pine laughs.

The strategy apparently worked. Keith has been training cutting horses for the last three years. A senior at Mansfield (Texas) High School, Keith attends classes during the morning hours and then he's off to his grandfather's 30-acre ranch. He spends hours each day riding the horses in a small arena behind his grandparents' home, carefully watching as the cutting horse separates a cow from a milling herd and then maneuvers around it to keep it apart from the rest.

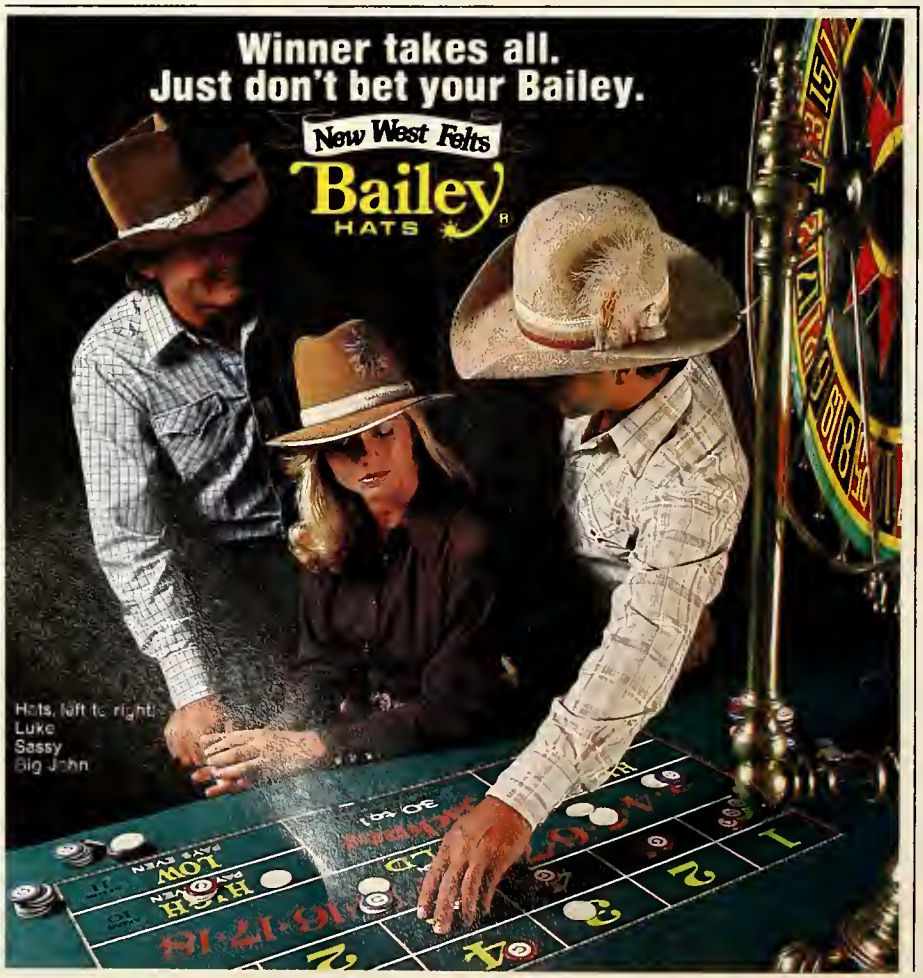
"I've always wanted to train a horse to perfection to win with another rider," Keith says. "I've always wanted the horse to have the honor of doing a good job."

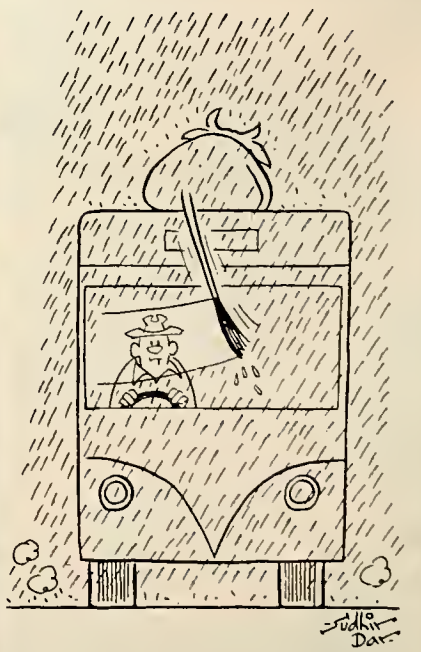
"Keith is supposed to work 25 hours a week on his project, but because of his interest and love of horses, he spends much more time," comments the elder Johnson.

After graduation, Keith plans to major in ranch management at Tarrant Junior College at Fort Worth and then return to the ranch.

As interest in cutting horses continues to increase nationally and monetary rewards escalate, Pine Johnson has more and more horse owners coming to him in search of a trainer. He keeps a half-dozen horses at a time that are owned by people in places such as Virginia, California and Canada. And he consistently receives invitations to Australia to train horses there. Keith accompanied his grandfather on one of those trips to Australia, staying five weeks.

Keith and his family live on the Johnson ranch. His sister Christy, the youngest in the family, shows halter, reining and western pleasure and is a member of the local 4-H club.





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The old station at Marysville, Kansas.

The Pony Express

By Eunice Souder

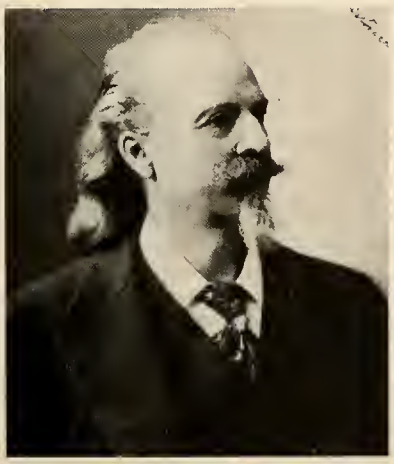
"WANTED: Young, skinny, wiry fellows not over eighteen. Must be expert riders, willing to face death daily. Orphans preferred. Wages $25 per week. Apply, Central Overland Pony Express." This notice in the newspapers caught the eye of adventerous young men.

U.S. Senator Gwin and other Californians were annoyed at the long delays in getting news from the East. Thus, the idea of the Pony Express was born. Or we might say it was revived, since there had been a pony express in 1839 between the Eastern seaboard and St. Louis.

Contracts were made with the government for this colorful new mail delivery. This was done by a firm of three famous frontier freighters, Russell, Majors, and Waddell.

The first Pony Express left St. Joseph, Missouri, for Sacramento April 3, 1860. This was considered a giant relay race between the Missouri River and the Pacific coast, a distance of 1,966 miles.

The Pony Express riders were daring and courageous. They rode day and night in all kinds of weather and through unsettled territory. It was a dangerous trail infested by outlaws and savage Indians. Another danger was the crossing of the North Platte River which was one-half mile wide and twelve feet deep in some places.



Buffalo Bill

Riders were expected to average fifteen miles an hour, including change of horses and time for meals. Sometimes there would be detours between stations. There were 190 relay stations along the route. The first out of St. Joseph was at Marysville, Kansas. The old stone barn is now used as a museum.

Robert F. Haslam, known as "Pony Bob" was the first rider from St. Joseph. Buffalo Bill Cody was another famous express rider. He was only fourteen years old when he started, but experience of fighting with the Indians and traveling "made him a man."

Cody describes his experience on one of his trips: "As I was leaving Horse Creek one day a party of Indians jumped me in a sand ravine about a mile west of the station. They fired at me repeatedly, but missed their mark. I was mounted on a roan California horse—the fleetest steed I had, and lying flat on his back, I kept straight on for Sweetwater Bridge—eleven

(Continued on Page 32D)

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Pony Express

(Continued from Page 32C)

miles distant—instead of trying to turn back to Horse Creek. The Indians came in hot pursuit, but my horse got away from them, and ran into the station two miles ahead of them."

He learned that the Indians had attacked the station that morning, killing the stock tender, and driving off the horses. Cody had to ride twelve miles before reaching a station and safety.

It is reported that "letters were written on silk tissue because the maximum load was 20 pounds a horse." They were wrapped in oiled silk to protect them from moisture.

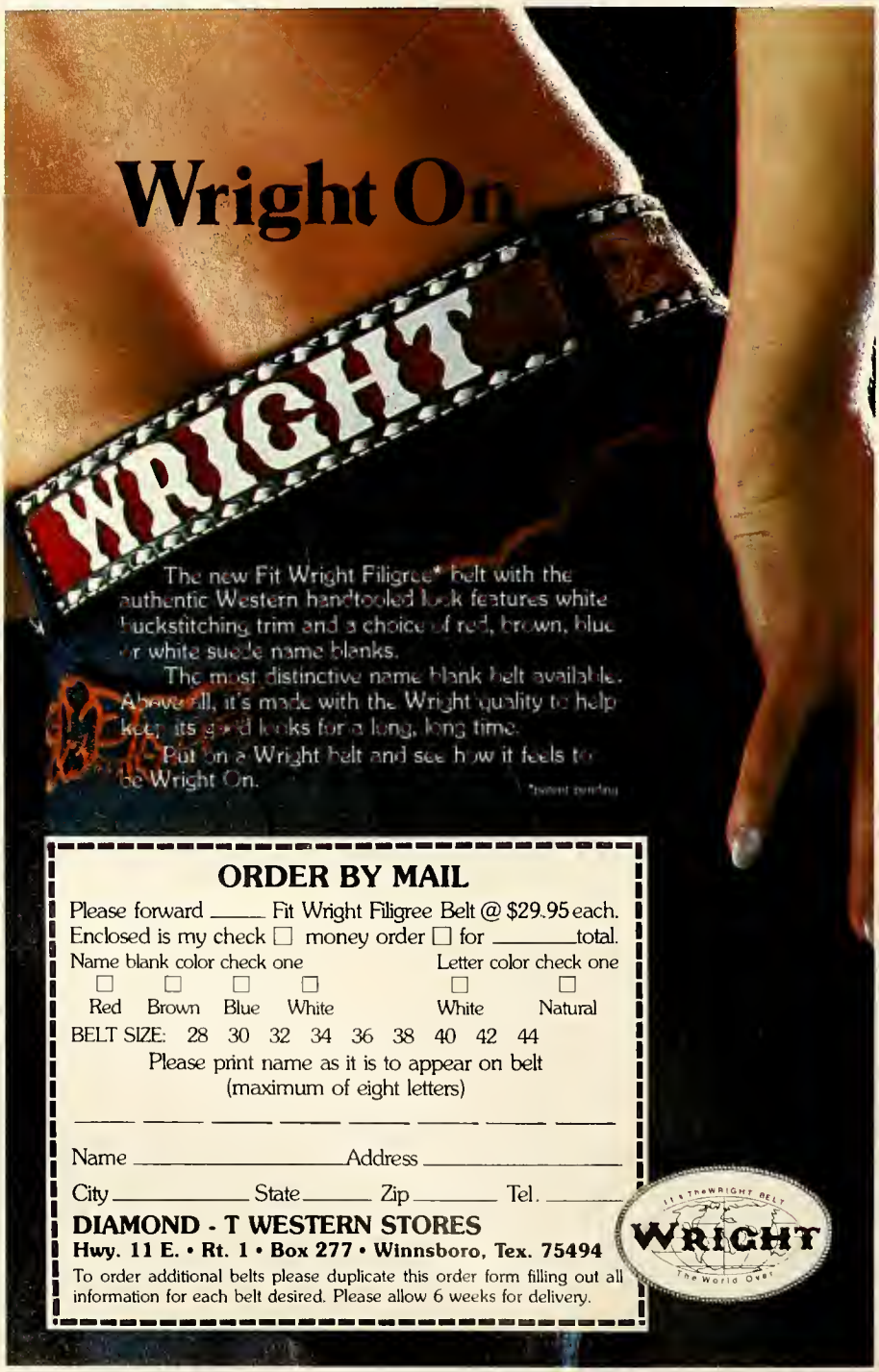
Riders left Sacramento, California, and St. Joseph, Missouri, on the same day. Between 400 and 500 horses were kept in stables near the stations.

The first Pony Express ride took eleven days. An average run in the summertime was eight days. It took ten or twelve days in winter months. It took seven days for the run that carried Lincoln's inaugural address.

This type of communication was an exciting operation but a brief one. Within a year the telegraph line reached from the Missouri River to the California coast.

"Singing wires" was the Indian's name for the telegraph lines.

Although the 1860 jaunts of the lone rider was a financial failure, the string of streaking saddle horses were more successful from a time standpoint. The Pony Express was an important part in the saga of communications in America.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Bronco

(Continued from Page 16D)

weight. Then, very gingerly, the cowboy mounted the bronco. At that moment, all he could do was hope and pray. This method usually took several days, and since cowboys got impatient, they did it the hard way. The impatient cowboy roped and saddled the bronco. After he did this, he climbed up and away he went. Up and down, 'round and 'round, bucking and swaying. In most cases, it took several tries to break the horse, and the cowboy often ended up nothing but a bag of shaken, sometimes broken bones. This is how the dangerous, exciting sport of bucking broncos began.

In our modern rodeo, the contestant mounts a horse that is closely confined within a chute, or pen, made of planks. The rodeo horse, or bronco, bolts wildly into the arena when released, and immediately attempts to dislodge the rider by arching its back, springing high into the air, and landing forcefully with all legs extended rigidly. The cowboy has an obvious disadvantage since he has only a small piece of rigging to hold onto, while one hand waves wildly in the air. Many cowboys fall off their horses before the eight to ten seconds are over, getting nothing but bumps, bruises and an occasional broken bone for their effort. The ones who stay on to finish their allotted time often get as many bruises as the ones who fall off.

The bronco has survived because of its remarkable endurance and intelligence. Since the Spanish explorers, through the American cowboy era, to the modern-day rodeo cowboys, the small, proud, and oftentimes fiesty bronco has played an important role in the colorful history of North America.

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University of Minnesota, St. Paul
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Oklahoma State University, Stillwater
Purdue University, West Lafayette, Ind.
South Dakota State University, Brookings
Southern Illinois University, Carbondale
University of Tennessee, Knoxville
Texas A&M University, College Station
University of Wisconsin, Madison
University of Wyoming, Laramie

FFA IN ACTION

The Tulare, South Dakota, FFA Chapter was one of the teams participating in the third annual parliamentary law contest held last year by the Carthage Chapter. The team received a silver award for the competition.

Over 350 FFA members and guests attended during last year's invitational parliamentary law contest sponsored by the Carthage, Missouri, FFA Chapter and Carthage FFA Alumni and the final banquet session.

THEIR OWN CONTEST

Carthage, Missouri, Chapter in cooperation with their alumni affiliate is hosting their fourth invitational parliamentary law contest for state winners.

The event is held in the days preceding the National FFA Convention. State teams therefore can accept the invitation to participate and stop en route to Kansas City. Only chapters who won state parliamentary procedure contests are invited and eligible to compete.

Since it is not an official FFA event, it is not listed as a national FFA contest.

Team members arrive in Carthage for the two-day event and begin with a written parliamentary law examination. They tour local agribusiness firms, enjoy a banquet sponsored by Missouri Farmers Association and go to homes of host families.

The competition itself will be held Wednesday morning, November 11.

Award plaques are then presented at noon and all participants can head for Kansas City 120 miles north.

Rules call for seven-member teams with ten-minute time to demonstrate. Judges ask questions for five minutes. Teams do not listen to each other. The score card gives 10 points for chairman poise and ability; 10 points for team poise; 10 points for grammar and sentence structure; 10 points for approach; 25 points for scores on written test; and 35 points for correct parliamentary procedure.

Video tapes of last year's contest are made available to teams to better understand the rules and how the contest runs. Last year's winner was Ozark, Missouri.

RETIRED SIRES RECOGNIZED

The retiring chapter officers of the East Butler, Nebraska, FFA began a new tradition this year as they recognized their fathers and mothers at our Pride of 1980-81 Awards Banquet held May 3rd. Each mother received two yellow roses from the five retiring senior officers. Each father was awarded the "Retiring Sire Award" as a token of the son's or daughter's appreciation for doing all the work necessary while they (the officers) were fulfilling their FFA duties. The time away from home while being an East Butler FFA Officer is very great. Someone has to do the chores and various items around the farm. The certificate depicts a tired beef animal grazing and includes the father's name as well as a short explanation of the award.

Honorary FFA Chapter Farmers were bestowed upon Mr. Robert Kobza, high school principal; Mr. Delmar Lange, county extension agent; Mr. Gary Maricle, advisor; Mr. and Mrs. Ed Maricle, advisor's parents; and Mr. Ed Fisher, local farmer.

Topping off a great evening for the crowd of 300 was a fantastic speaker, Mr. Floyd J. Doering. Mr. Doering is the immediate past National FFA Alumni president and is also state FFA advisor in Wisconsin.

Another unique award is the presentation of FFA Alumni Certificates of Appreciation, developed last year, for presentation to those people or organizations who have given above and beyond the call of duty to the East Butler FFA Alumni Affiliate.

A 3-inch rain during the banquet helped to set off a great evening by putting all the farmers, as well as townspeople, in a very positive mood. *(Kathy Tesnia, Reporter)*

(Continued on Page 36)

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FFA IN ACTION

(Pick up ACTION from Page 34)

A BUILD-YOUR-OWN FARM

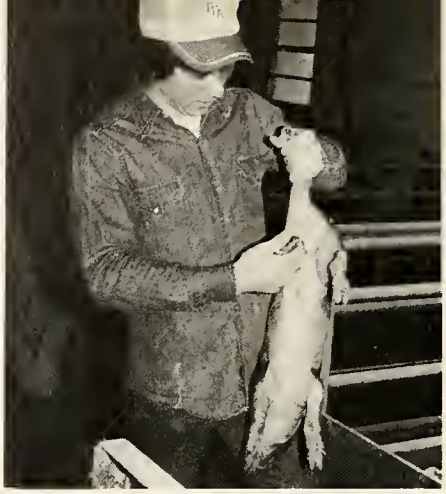
The Riverside FFA Chapter in Decatur County, Tennessee, operates a swine farm on the school campus. The farm and its facilities are operated and were built by FFA members on land first cleared in 1976. The land had been purchased by the school system in 1965 for construction of the school; and land which was not used for the school itself had grown up with cedars and bushes. In the summer of 1976 members constructed a farrowing house and classroom combination and erected the first fence. Many of the cedars cut were used for fence posts on the FFA farm.

Since that time members have spent many hours building and improving the farm. The chapter has purchased a tractor, post hole digger, livestock trailer, scales and several other items of equipment. Members have built four sow sheds, a sow working shed, a machinery shed, a feeder pig feeding floor and enclosed four additional pens as well as installing water lines to each pen. The farm accounts for a large part of the $28,000 budget of the Riverside Chapter.

Besides providing a learning laboratory, members have benefited in many other ways. Members who don't have an opportunity to carry on a supervised experience program at home may complete that requirement by housing swine at the FFA farm or by working extra hours on the farm. Also members have gotten involved in fairs and shows as a result of the farm and last year won over $8,000 in premium and sponsor money. The community has gotten involved too by offering assistance of purebred stock, donating the initial stock and helping with financial assistance through the alumni affiliate.

The farm presently has registered York-

The first new building on their farm was a farrowing barn with a classroom facility on one end.



Alan Montgomery served as chapter herdsman on the farm and took care of vaccinating pigs.

shire sows, registered Duroc sows, a registered Duroc boar as well as feeder pigs. The chapter sells its feeder pigs through a local feeder pig sale, to members and to farmers in the community. Supervision is provided by chapter Advisor Billy Vestal and chapter herdsman FFA member Alan Montgomery. *(A.B. White, Reporter)*

ALUMINUM CLEANUP

The Watsonville, California, FFA took part in the 17th annual fly-in which was held at the Watsonville Municipal Airport. FFA received $200 for providing cleanup services at the airport during the three-day fly-in. The chapter also was given permission to collect and recycle all aluminum cans from the event.

We received $240 for the aluminum cans so our total for the three-day weekend was $440. The money received will be used for our annual water ski trip in June. *(Ron Tibbitts, Reporter)*

OPEN DOOR POLICY

Capital FFA in Olympia, Washington, had their second annual open house to acquaint students of the high school with different types of classes offered in the ag program and with the variety of supervised occupational projects the students themselves have.

On display were: 1) a variety of chickens, 2) a number of ducks, 3) the different breeds of rabbits and a pet ferret, 4) a sheep shearing demonstration, 5) a horse demonstration, 6) a raccoon from the South Tacoma Game Farm.

Outside of the classroom, forestry safety demonstrations such as match splitting, ax throwing, pole climbing and cross-cutting events were held. After students were properly taught the correct and safe way in which to do these events, individual students were able to try their skills. The school principal, Mr. Larry Norwood, and vice principals, Mr. Doug Heay and Mr. Terry Pullen, also got into the act by competing in a couple of logging events.

The ag department also had on display several diaramas depicting various agricultural crops and the areas from which they came. During the day approximately 786 people visited and toured the ag department. *(Harry Argetes, Advisor)*

BARN RAISERS

For the Fallbrook, California, Chapter an impossible dream was accomplished through the efforts of the Ag Booster Club of Fallbrook and a community that believes in the FFA.

During the summer of 1979, the statement "We really need a barn" became "Why can't we build a barn?" So the Ag Booster Club started the difficult task of finding all the answers to the numerous questions. After three months of intense investigation, it came down to the bottom line—money!

Armed with all the do's and don'ts, the Booster Club first contacted a local builder and engineer to draw up the plans and to provide a projected cost. This package was submitted and accepted by the school and state officials. The task of raising the money and materials needed had thus begun.

The Booster Club worked for the following 12 months on money-raising projects. The two most important were a St. Patrick's Day Dinner and an auction with donated items. These two fund-raising projects netted the club over $8,000. By this time, the community was involved totally with pledges being accepted for money or materials and labor needed. People were seen wearing the button, "I'm a Barn Raiser" and the dream began to look less and less impossible.

When the pledge sheets were filled with promises of tractors, concrete, bricks, sand nails, roofing materials, lumber and labor time to construct this barn, the amount came to $22,500. The projected cost of the barn was $40,000. The balance of money needed, along with the fund-raising proceeds, was raised by offering a "Barn Plaque." Anyone who donated $100 or more in money or time and materials would have their names added to this permanently mounted plaque on the barn wall.

The ground breaking on the barn began July 26, 1980 and construction proceeded successfully. As each phase began, the people who had donated material and labor appeared and did their jobs as promised. Anything that was lacking was purchased with the monies raised. People would come and look at the construction and say, "Just wanted to take a look, I donated and am really excited about it!" The progress was also noted in the community newspaper and was really the talk of the town.

Construction took approximately six months and the barn was formally dedicated to the school district on January 12, 1981. The community viewed the barn in its completed form at the annual Youth Fair in April, 1981. Along with its steel pens, concrete floors and modern lighting, the barn is very functional and blends with the all brick classrooms on the campus.

Chapter officers posed in front of their completed facility which has already been used to cure a tobacco crop as well as for livestock project programs.

TOBACCO, STEERS AND FEEDER PIGS GET A HOME

During the fall of 1979, Fleming County, Kentucky, FFA determined a need for a facility for curing the FFA chapter's tobacco crop. They shared that problem with the local alumni affiliate.

After much discussion, they decided that a facility was needed not only for curing tobacco but for housing livestock, for livestock judging, livestock shows, preparing tobacco for market and other uses.

The two groups then considered the cost of building such a facility and soon learned that it would cost at least $25,000 if a contractor were hired to do the building. Neither group had anywhere near that amount of money available.

Once estimates were obtained, it was discovered that materials for the structure would cost approximately $12,000. So the two groups decided they could supply all the labor if the money could be raised to buy the lumber and other materials.

Almost immediately, two local banks and the local Farm Bureau each pledged $1,000 and this was followed by a $1,000 pledge from the local school board.

The FFA chapter decided to sell poinsettias which were supplied by one of the FFA members from his family greenhouse. In all, over 1,000 poinsettias were sold. Within six months, more than $8,000 had been raised.

The local school board agreed to supply the remainder of the money needed, with the FFA agreeing to repay the loan by increasing the amount of tobacco they would raise.

In July of 1980 Allen Emmons, a senior vo-ag student and FFA member, leveled a site with a dozer owned by his father. The footer was poured and a concrete block foundation was laid by several FFA Alumni members.

On August 20, 22 FFA and alumni members erected the framework, using two tractors with front end loaders to raise the barn. A delicious ham dinner was served courtesy of the FFA chapter.

After school started, each of the four junior-senior production agriculture classes, along with instructors Charles Berry, Rick Hord, L.D. Skaggs and several alumni members, worked for nearly six weeks to complete the facility.

Included in the facility is a tobacco-

(Continued on Page 40)

Todd Fryman and Randy Fryman were among the members who helped provide all the labor for construction including electrical work.

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New Tack and Togs

Above, this stylish new men's shirt from Panhandle Slim western wear features knit-engineered, dot-stripe design made of 100 percent polyester interlock.

Above, texture sets the tone of shirts from Dickson-Jenkins, featuring a floral pattern in black, blue and maroon for her, and a ribbed design in shades of brown, blue and wine for him.

At left, the "Coca Cola Cowboy," a New West felt hat from Bailey Hat Company, is a coffee-colored dazzler boasting a 7" crown and 4" raw-edge brim with an eyecatching cockatoo feather lei band.

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The Boot Shop

A new offering from Hondo Boots features Badger vamp, #2 toe medallion and 13" deep scallop leather stitching. It's available in 3 colors, with your choice of toe and heel.

This "El Ray" boot from Tony Lama is made of Tan English Calf, and has a 13" top with full scallop plus intricate stitch pattern that shows up well on this imported leather.

New from Justin, the "Matador" boot features vamps of toffee glazed bullhide contrasted by Brandy yearling tops with deep scallops, pull straps and feathered stitching.

The Laramie Boot Company offers an impressive pattern boot with Black Kimmie foot and 14" extra deep scallop top, accentuated by 6 rows of silver stitching.

New from the Nocona Boot Company, this walnut-colored rangehide dress boot features 15" tops accented by extra deep scallops, wide round toe and a 1¾" underslung heel.

Above, Resistol Hats (pictured: "Fandango") from the Stagecoach Collection will help shield you from the summer heat; the clothes, by Levi Strauss and Co., are worn by P.R.C.A. team roper Keith Gale.

Above, Wright Leather Goods offers hard-to-find exotic belts, including these with colored python and fancy feather patches inlaid on smooth cowhide with harness buckles.

Above, the new "Diablo" jacket for men by Comfy Western Wear features baseball styling in the traditional western look. Its features include a contrast poplin yoke and pocket trim, lay-down shirt collar, and contrasting knit cuffs and waistband. The shell is water repellent Antron Nylon, and the garment is machine washable and dryable.

Above, a combination of bi-loft acrylic yarn, stretch nylon and polyester enables these Tony Lama boot socks to keep feet drier.

Above, the "Scorpion," by the Tex Tan Western Leather Company features a fully hand-tooled floral design, dark pecan finish with stainless steel lacing, and a 14" cushion seat.

Above, heavy weight denim jeans have just been improved by the new Stunts western jeans by Big Smith. The new Stunts, 98.5% cotton and 1.5% lycra, are pre-washed, 5 pocket, bootcut jeans with the look of heavy denim.

Below, Wrangler designers have created a new brown yarn-dyed plaid shirt with brown solid yokes and "steer" appliques, for the coming fall season.

Above, the Flank Cinch, a full 36" long, is now available from Adams Equipment in shades of brown, gold, blue or red. Also available from Adams Equipment is the quilted leg wrap, made of Cordura 1000 denier, in 12", 14" and 16" lengths.

Right, the new Lexol pH balanced leather cleaner foams away dirt better than saddle soap, leaves no dulling gray film, and rinses away easily.

FFA IN ACTION

(Pick up ACTION from Page 37)

livestock barn, 40 feet wide by 48 feet long and a general purpose room, 26 feet wide by 38 feet long.

The general purpose room is constructed of 8-inch concrete blocks covered with stucco and painted. It is heated by an electric furnace installed by the production agriculture class who also did all the electric wiring.

The barn has already been used to cure the tobacco crop and was used to house steers during the chapter's 49th annual FFA and 4-H steer show and sale.

The facility was also used by an adult farmer class studying livestock breeding and artificial insemination.

Future plans call for a concrete floor in the barn so it can be used as a finishing floor for steers and hogs. In addition, FFA members plan to house an eight-sow farrowing operation in the general purpose room during the fall semester and finish the feeder pigs in the barn during the spring semester after the tobacco has been cured and sold. *(Charles Berry, Advisor)*

AG DAY REPORTS

Members of the Des Lacs-Burlington FFA Chapter in North Dakota helped honor the nation's agricultural industry by having a display booth March 19.

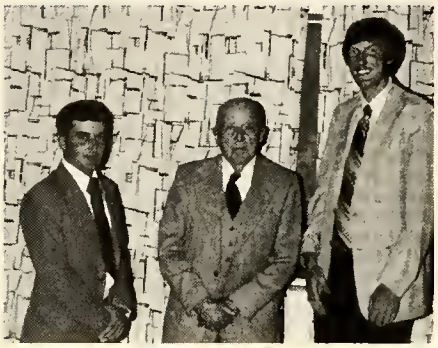
Members gave out litterbags, pocket calendars, pens and informational brochures on the FFA. Along with that, a slide show was used showing activities about the chapter and state associations. Members manned the booth all day and to be sure they did a good job a mannequin dressed in official FFA dress kept an eye on them. It was a good public relations venture and an effective way to promote the FFA in our town. *(Lee Crummitt, Reporter)*

The Greenville, Ohio, FFA Chapter held an Ag Day Breakfast on the big day. Attending were approximately 175 school faculty, administrators, agribusiness employers and chapter members. The menu consisted of sausage, doughnuts, juice, milk and coffee. Special music was played by the seven-member Greenville FFA Orchestra. Each year the Ag Day Breakfast is held to give members and guests a chance to talk informally about agricultural issues. The event grows bigger each year. *(Angie Albright, Reporter)*

The Frozen Camp Young and Adult Farmers and the Arch Moore FFA Chapter of Liverpool, West Virginia, were honored to present a program for the National Agriculture Day to over 500 kindergarten and elementary school children and adults from Jackson County. The educational program was at the Arch Moore Vo-Tech Center.

The guests got a ringside view of sheep shearing, a forestry program, goat milking, beekeeping supplies and honey, live chickens and rabbits, tractor driving skills and the food globe that shows the United States food cost and labor as compared to other countries around the world. Each of the elementary students was given an evergreen seedling as a gift.

Young Farmer Advisor John Fichtner and Russel Moore, FFA advisor, were in charge of the program. Young Farmer members Bob and Anne Brubaker and Denver Gandee furnished the sheep. *(Keith Brotherton, West Virginia Young Farmers State Reporter)*



Allen Talbert, right, was the first recipient of the Harry W. Sanders Scholarship at Virginia Tech. The scholarship is named for Harry Sanders, center, a co-founder of the FFA. Left is Timothy Long, president of the Ag-Ed Society.

A SCHOLARSHIP IN HIS NAME

Harry W. Sanders, the only living co-founder of the Future Farmers of America, has been recognized with the establishment of a scholarship in his honor. Professor Sanders was one of four Virginia Tech Agricultural Education faculty members who created the idea of the FFA. The other three were Walter Newman, Henry Groseclose and Edmund C. Magill.

Professor Sanders also served as an agricultural education teacher educator at Virginia Tech for 37 years. He assisted with the establishment of the agricultural education teacher education program at the University of Puerto Rico. He retired in 1962.

The Harry W. Sanders Scholarship is worth $500 to its recipient. Funds were contributed to the scholarship by the Virginia Tech Alumni, faculty members, FFA chapters and friends of both Harry Sanders and the FFA.

Applicants for the scholarship must be a junior or senior majoring in agricultural education at Virginia Tech. The first recipient is Allen Talbert, who was recognized at the recent Agricultural Education Society banquet. Allen is a junior who plans to be a vocational agricultural teacher. He is a native of Dillwyn, Virginia.

Friends of the FFA who would like to contribute to the Sanders' Scholarship Fund or who would like to know more about the scholarship should contact the Agricultural Education Program Area at Virginia Tech in Blacksburg, Virginia. *(John Hillison, Associate Professor)*

ALASKA ADDITION

The fifth annual Alaska State FFA Convention was held May 30 and April 1 in Delta Junction, Alaska. A variety of state judging and speaking contests were held in conjunction with the convention.

The major guest of this year's convention was National Vice President David Alders who spoke and motivated members in attendance.

The Homer Chapter was inducted after being in existence for only four weeks. This brings the total of active chapters in Alaska to 12. *(Jennifer Tomany, State Reporter)*

LOOK UNDER THE HOOD AND IN THE TRUNK

With winter coming on the Columbus, Montana, FFA Chapter held a Winter Car Safety Checkup in early November. The purpose of the car safety check was to inform people who brought their cars in whether or not their car was safe and contained all safety supplies in case they got stranded.

The car safety check was free to all citizens of the county. The checkup service was also provided at the fairgrounds in conjunction with an energy fair.

A check list of 25 points was used during the check. They looked at brakes, snow tires, chains, shovel, blanket, sand, spare tire, anti-freeze, horn, mirrors, seat belts, wipers, heater, muffler and exhaust pipes, signal lights, headlights, jack, hazard lights, safety glass, taillights, dash lights, fan belt, fluid levels, shocks and license plate light.

"We either checked 'safe' or 'unsafe' and gave comments on how to correct each unsafe item. All FFA members participated in checking the automobile and if a question arose over some item we consulted our advisor. *(Larry Blom, Reporter)*

ACTION LINES

- Get your own box of crayons.
- Learn how to spell parliamentarian.
- Put a hanging basket of red petunias in the tree branch outside your bedroom window.
- Save that old tire for the kids' swing.
- Make homemade chocolate-mint ice cream.
- Recommend tacos be added to the list of concession stand items.
- Give out sugar-free gum.
- Save all the farm caps you get in one year.
- Go out to the used auto parts place.
- Put *National FUTURE FARMER* magazines in the junior high library.
- Make sure your FFA committee really functions.
- Make extra money by selling potatoes you've grown.
- Resurrect something.
- Offer a compliment on his appearance.
- How about a sandwich of cream cheese, pineapple and green pepper?
- Take pictures of your folks clowning around.
- Decorate the kitchen table with new potatoes.
- Go over the fence in one leap.
- Sing to your sow.

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WHERE COWBOY MEANS CAREER

For Texas FFA members Tim Junoda and Elijah Clark, Jr., a modern-day "Old West" provides opportunities for careers as cattlemen.

By Jeffrey Tennant

Elijah, left, and Tim have both developed valuable skills from their experience as ranchhands at the Harrell Cattle Company ranch.

IN a part of Texas where "cowboy" best summarizes the professions of many rugged residents, Tim Junoda and Elijah Clark, Jr., are working their way into the cattle industry. Long chrome syringes and worming guns have replaced the six-shooters of old but similarities of the modern-day cowboy with his illustrious ancestors abound. The horse is still a functional vehicle, boots are good for other than looks and the branding iron still glows.

Tim and Elijah live in the 20th century Old West situated in Gonzales, Texas, home of the internationally known Harrell Cattle Company (HCC). The two Gonzales Future Farmers are considered valuable "hands" by Harrell management, reason enough for the variety of duties assigned the pair.

Wallace Harrell, who along with brother Maurice has guided the company through a quarter century of service, says Tim and Elijah "do a lot of things right." Indicative of the family enterprise that HCC has always been, Harrell says the company has "raised the two boys."

HCC does make it a matter of policy to keep young people hired, looking to the future and growing demand for hard-working, strong leaders. For that reason, Tim and Elijah are subjected to many phases of running one of the world's largest Beefmaster cattle operations. Opportunity constantly arises to learn the different aspects of raising, handling, breeding, feeding and marketing cattle. For Tim and Elijah, such experience is valuable schooling toward careers as cattlemen.

"My father has been a Beefmaster hand for Harrell a long time," shares 19-year-old Elijah, past chapter officer and recipient of FFA's Lone Star Farmer degree. "And like Daddy," he adds, "I've been interested in cattle for a long time. I started in the cattle business at eight years old, working at a nearby ranch earning $5 a day for eight hours of keeping barns clean, feeding horses, checking cattle and riding fences. I learned a lot on that ranch—enjoyed it, too."

At 15, Elijah hired on with the Harrell Company in one of the company's pecan operations, a kind of additional profit center owned by HCC. He knew of the Harrell reputation and was glad to draw HCC pay. But working cattle wasn't there—the pecans were too far removed from Elijah's personal goals and interests. Finally, after only three weeks of pecan work, an opportunity came along and Elijah went after it.

"I heard they were shorthanded at the Harrell feedlot," recalls Elijah, "and needed somebody who could ride a horse. I landed the job and worked there the whole summer doing many different things. Be-

tween my ninth and tenth grade years in school, though, they moved me outside with my father, taking care of a certain amount of ranch territory. My senior year I took the co-op program, going to school in the morning and working at Harrell's the rest of the day."

"The rest of the day" generally meant until 7 or 7:30 p.m. Now, when Elijah works on the ranch during breaks from the Blenn Junior College farm and ranch management degree program, 12-hour days are common. Elijah says his duties include winter feeding and tagging, branding and sorting. Much of his work, he says, is accomplished on horseback. Elijah says the long hours and demanding tasks are worthwhile and up his alley. Perhaps most appealing is the management trainee job that's promised at HCC upon Elijah's completion of college education.

Not unlike his classmate Elijah, Tim felt strongly directed toward the cattle industry. Elijah, though, was rooted in a ranching background. Tim calls himself a "city boy."

"After growing up in the city," says Tim, "I wanted to get out in the country. In fact, I joined FFA because I wanted to make the cattle business my career. I just don't think I would enjoy a full-time office job."

"As a ninth grader," says Gonzales vocational agriculture instructor John Floyd, "Tim would ask for books on livestock, read them and ask for more. He always sought more information on cattle, particularly on showing. And he bugged 'em out at Harrell's until they gave him a job."

"I first started working for another cattle company across the highway from the Harrell feedlot," says 19-year-old Tim, a tall cowboy who takes the cattle business seriously. "They had me cleaning water troughs, helping sort and work cattle, castrating, vaccinating. I do some of that now but I'm working toward a goal of professional cattle buyer. If I stay with Harrell's the future of cattle buying looks good. They're a strong operation."

Above, preparing a syringe: one of several duties performed by Elijah.

Tim and Elijah with Wallace Harrell, co-founder of Harrell Cattle Company.

Harrell Cattle Company employs ten full-time cattle buyers who travel primarily within a 100-mile radius, screening over three million cattle a year and purchasing some 250,000. Each buyer, armed with knowledge about the numbers and kinds of cattle needed by HCC, attends an average of six sales a week, purchasing between 150 and 200 head of cattle in a day's work. Tim, now in training to be a buyer, is quick to explain that all cattle purchased do not become a part of the HCC herd.

"We're a kind of brokerage business," says Tim. "Clients, who are often managers or owners of large feedlots tell us what kinds of cattle they want and then we go buy the stock. Harrell's charges a commission for the buying service plus working charges. Purchased cattle are then shipped to feedlots all over the U.S. Harrell's does own 5,000 head of registered Beefmasters but most of the cattle purchased are for somebody else."

Don Brandt, an HCC manager, says purchased cattle are trucked back to the Gonzales home base during the night. The animals are then sorted into classification by quality and weight and "put up" until a full load is ready to go out to ordering customers. HCC's 18,000 head capacity feedyard is equipped to harbor several major purchases daily. Room for grazing is also no problem—the Harrell ranch covers over 7,000 acres.

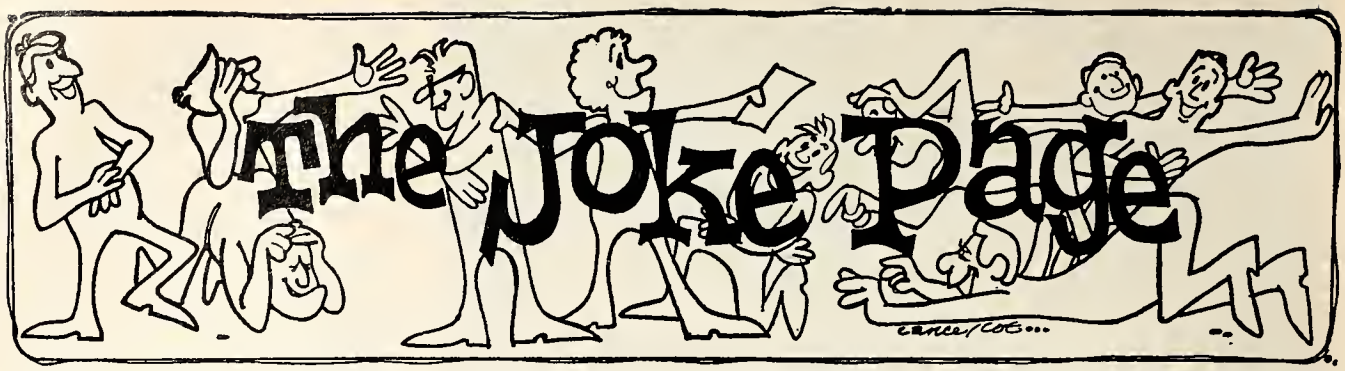
"We sell between 70 and 80 million dollars worth of cattle each year," Brandt says. "Our typical customers are feedyards wanting certain kinds of cattle for finishing. Lots in California and Arizona look to the Texas panhandle for stock because cattle are concentrated here. In order buying, we can find the kinds of cattle needed, load 'em on trucks and within 24 hours they're in the customer's lot."

The Harrell operation maintains a 5,000-head registered Beefmaster herd, a breed Wallace Harrell says "is well suited to this part of the country." Harrell recalls, "When we first started our herd, the breed was relatively unknown. But we and the Beefmaster association have advertised them to the point now that they are now quite well known. That means more attractive prices."

Since construction of a basic complex in 1962, the Harrell Company has constantly expanded in size and progressed in utilization of advanced agricultural technology. What's billed as "the industry's most extensive, continuous preventive medicine program," replete with a staff of veterinarians, maintains healthy stock in the 18,000 capacity feedyard and on the range. An embryo transplant facility enables HCC to "accomplish in a few years what you'd take a lifetime to accomplish otherwise," says Wallace Harrell. "You can take a cow and cause her to have 10 or 12 calves in one year as opposed to one." We feel this kind of new technology enables us to stay one step ahead of the pack."

Tim and Elijah say the opportunity to work for a progressive agribusiness fits in well with their long-range goals. Each have prepared themselves for the challenge, taking advantage of instruction in vocational agriculture then applying that knowledge on the job. As Wallace Harrell advised the two, "No matter what your aspirations are, whatever you decide to do, do it best. Don't spite quality in your work." That's good advice from a manager in a company whose success rides on perfection. And good advice to two Future Farmers learning to live in the cowboy's complex world of cattle.

Below, ranchhands Elijah and Tim work on a steer at the Harrell feedlot.



An Indian petitioned a court for permission to change his name to a shorter one.

Judge: *"What is your name now?"*

Indian: *"Chief Screeching Train Whistle."*

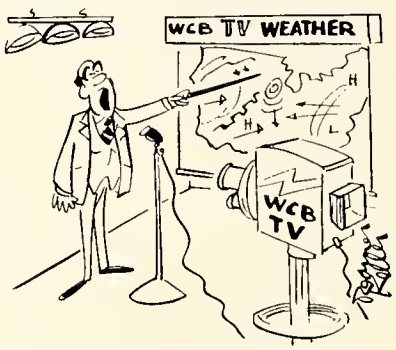
Judge: *"And what will you change it to?"*

Indian: *"Toots."*

Celia Cheek
Scottsville, Kentucky

As the young mother opened the freezer, she noticed that in the ice tray each cube contained a fly, frozen solid. About that time her eight-year-old son ran into the kitchen and said, *"Gee, Mom, don't throw those flies away. They're TV dinners for my turtle!"*

Vivian Goode
Campbellsville, Kentucky



"And now a final word to those farmers in the lower valley—RUN!"

A little boy came home from school and said to his mother, *"Well, I got two free ice-cream cones today."*

"How did you do that?" asked his mother.

The little boy answered, *"I just put one ice-cream cone in my right hand and one in my left hand and said to the lady behind the counter, 'Please get the money out of my pocket, but, be careful not to hurt my pet garter snake."*

Jason Moore
Liberty, Kentucky

Shopper: *"How much are these tomatoes?"*

Grocer: *"Forty cents a pound."*

Shopper: *"Did you raise them yourself?"*

Grocer: *"Yes, I did. They were only 35 cents yesterday."*

Renee Register
Troy, Alabama

The football team was losing and the coach felt desperate. He looked over the bench and called out, *"Jones, this is your big chance. Go in there and get ferocious!"*

Jones leaped up enthusiastically, *"Coach,"* he yelled, *"what's his number?"*

Norma Keith
Centerville, Ohio

A rabbi stopped his sermon and asked a member of the congregation to awaken a worshipper in the second row. *"Not me, Rabbi. You put him to sleep, you wake him,"* said the worshipper.

Holly Brown
Darlington, Missouri

Desperate for a parking space at a ball game, the farmer finally spotted a gas station with many cars in the lot. He drove in and asked the attendant if they were parking cars for the game.

"No, we're not allowed to," the man said, *"but we can check your carburetor for $1.50 and have the car ready after the game."*

Bobbie Mae Cooley
Bowen, Illinois

Do you remember when the highway patrol didn't hide with radar at the side of a busy road—but took its chances out in traffic like everybody else?

Chris Conrad
Griswold, Iowa

Mack: *"If there were a race between a cheetah and a jaguar, which one would win?"*

Jack: *"The cheetah because it's the fastest animal on land."*

Mack: *"No, the jaguar, because cheetahs (cheaters) never win!"*

Joe Bowling
Mildred, Texas

A condemned prisoner awaiting execution was granted the usual privilege of choosing the dishes he wanted to eat for his last meal. He ordered a large mess of mushrooms.

"Why all the mushrooms and nothing else?" inquired the guard.

"Well," replied the prisoner, *"I always wanted to try them, but was afraid to eat them before."*

Thomas LaMance
Modesto, California

Teacher: *"Your spelling is getting better, Jim. Only five mistakes. Now let's go on to the next word."*

Dawn Thomas
Paragon, Indiana

One of the single girls in the office came in early one morning, and began passing out cigars and candy tied with blue ribbons.

More than a little surprised, her co-workers asked what the occasion was.

Proudly she displayed the glittering diamond on her left hand and announced, *"It's a boy, six feet tall and 185 pounds!"*

Marie Willadsen
Van Buren, Arkansas

Twenty-five percent of the nation is covered with forest and the other with mortgages.

Steve Dykes
Lake City, Minnesota

Charlie, the Greenhand

"No, I'm not contagious! I was spray painting in shop last period!"

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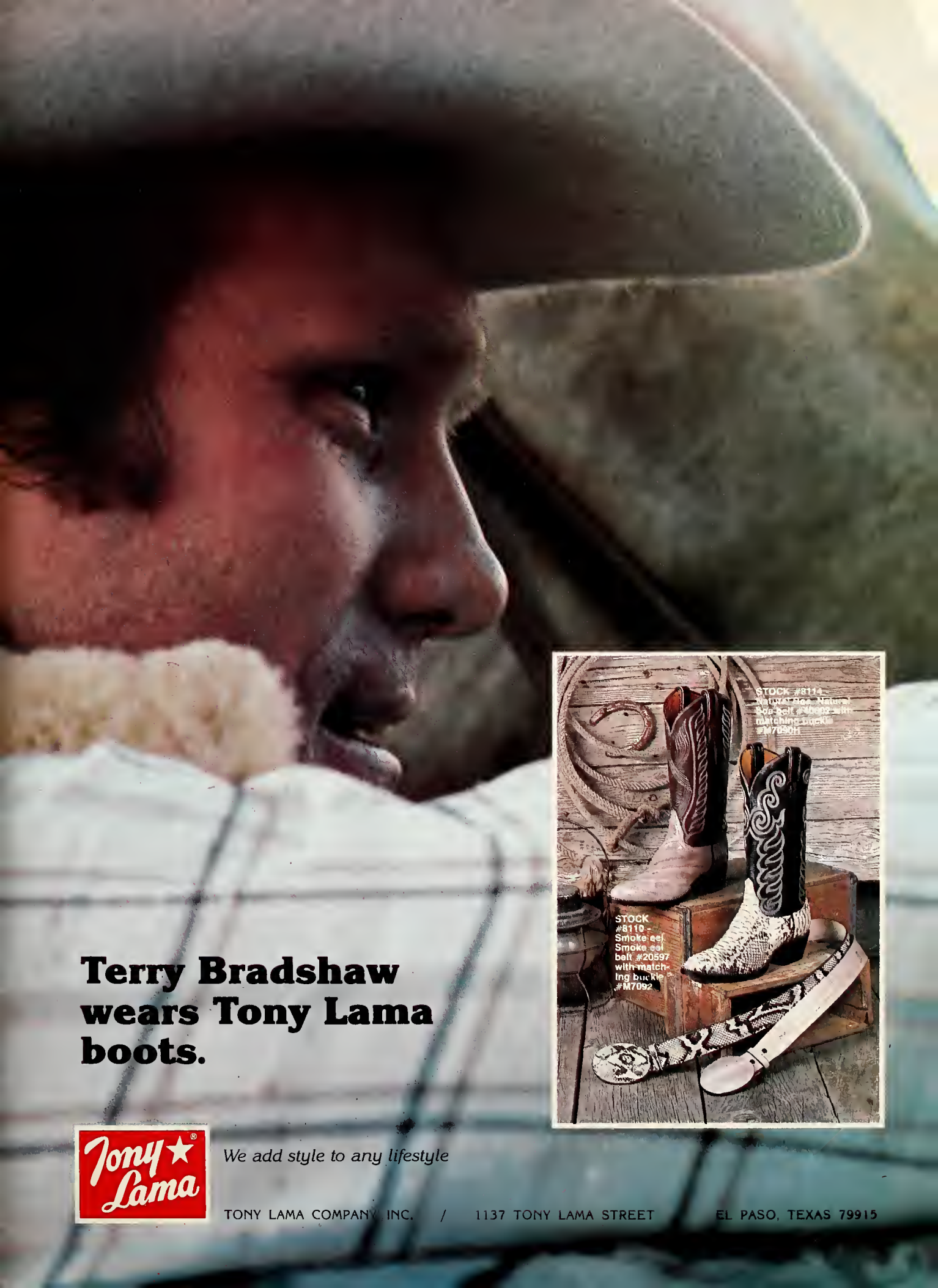

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